

# The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools K3HS. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@horizon.sri.com. The bulletin may be freely quoted, provided that credit is given.

## It's Sporadic-E Season

However, we have F2 and TEP to report as well. We're reporting April and May 1998 and the Sporadic E didn't really get rolling in the Northern hemisphere until mid-May. As a result, it's a mixed bag. 6m stations close to the magnetic equator, and even in the southern tier of the United States (of America) and Europe have been doing quite well to the south.

May you (our readers) have great openings, to areas you haven't worked before. May your channels be clear (and off the calling frequencies). May those of you going on DXpeditions have calm seas and good weather--and might some of you send us reports of what you've worked and photos of your setups.

You've read in our past bulletins of the contests coming up. Go get 'em! Without further ado, here's our DX reports:

## April-May 98 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's column *V,UHF DX Topics* in *MOBIL HAM*, JR3HED, G4UPS, GJ4ICD's *Internet Six News* (#), VE7SKA, LW5EJU, XE2HWB, YO7VS, EH8BPX, ZL2TPY, W0MTK, K6QXY, WA6JRA, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1998. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned, H=heard only.

## Reports of Africa

### ASCENSION IS.

05012000 ZD8VHF > 2130 EUROPE B GJ4ICD#  
05012015 ZD8VHF S3-5 > -2035 B G4IGO

### BOTSWANA

05211133 A22BW 41 VY WEAK 50.110 PA0ZH

### CANARY IS.

04031910 EH8BPX 59 IL18 50.110 S LW5EJU  
05191851 EA8SIX 51-2 50.075 B ON9BGP  
05230849 EH8BPX 59+ >IM67 50.125 EA7KW  
05231602 EH8BPX 53 IL18>JO60 50.120 OK1DPD

### CEUTA & MELILLA

04201923 EH9IB 54 50.110 S G3OIL  
05191859 EH9IB IM85>IO92 50.110 G4VPD  
05191911 EH9IB 50.140 ON4GG  
05191930 EH9IB 55 >JO21DL 50.140 PA3HDP  
05211907 EH9IB > JN35 50.110 H IK1EGC

CHAD: Eric, F5JKK, has now returned to Europe after working 43 countries on 6m from Chad.

03121605 TT8JE 59/59 JK72 F6FNU S YO7VS  
03211514 TT8JE 59/55 JK72MC ERIC S YO7VS  
03231515 TT8AJ 59/55 W YO7KAJ  
03231524 TT8JE 59/59 H YO7CFD  
03311400 TT8JE 599-59 -1545 H YO7VS  
03311438 TT8JE 599/599 JK72MC>KN24LC W YO9PC  
04011230 TT8JE 59 WKG EU -1340 H YO7VS  
04051430 TT8JE 59+60 H YO7VS  
04182054 TT8JE 59/57 JK72MC > IL18SK S EH8BPX  
04261405 TT8JE 559 WKG G3NVO/G3OIL H G4IGO  
04261405 TT8JE 559 QRmd 50.110 H G4UPS  
04261412 TT8JE 559 50.110 C G3OIL

### EQUATORIAL GUINEA

04052228 3C5I 55/55 JJ43 > IL18SK S EH8BPX  
04081403 3C5I 559 CLG GJ4ICD H YO7VS  
04101342 3C5I 59/59 JJ43 ALAN S YO7VS  
04101345 3C5I 59 JJ43 WKG LZ2FO H YO7VS  
05231530 3C5I 53/53 JJ43>JO20 50.105 S PA0LPE

### MADAGASCAR

04120813 5R8EE 50.110 S 7J6CCU  
04120831 5R8EE 50.110 S JR6SVW  
04121123 5R8EE 50.110 S JR6

### MADEIRA IS.

04051618 CT3FT 59/59 IM13 > IL18SK S EH8BPX  
05191716 CT3HF IM76>JO02 50.112 G8RZA  
05231654 CT3HF 57 IM12OP>JO80 50.140 SP6GWB

### MALAWI

05161821 7Q7SIX 319 > JO71 50.002 B DL9USA

### NAMIBIA

03311315 V51VHF 539-599 2 HRS 50.017 B YO7VS  
04011230 V51VHF 599->S3 JG87 B YO7VS  
04091245 V51VHF 599 50.018 B YO7VS  
04191205 V51VHF 599 JG87 B YO7VS  
05051540 V51VHF BS > KG33 B ZS6AXT  
05161828 V51VHF 50.018 B SM7AED  
05181535 V51VHF 529 50.018 B SP6ASD

### SOUTH AFRICA

04011345 ZS6PJS KG46RC 579 WKG YU H YO7VS  
04091214 ZS6AXT 59+ H YO7VS  
04091214 ZS6XJ 59+ KG33 H YO7VS  
04091245 ZS6DN 599 50.049 B YO7VS  
04091323 ZS6PJS 449 KG46 -1326 H G4UPS  
04091430 ZS6PJS H YO7VS  
04091447 ZS6XJ 59/59 KG33XV LEROY S YO7VS  
04191220 ZS6AXT 539 H YO7VS

### ZIMBABWE

03281410 Z22JE 59/57 S A45ZN

## Reports of Asia (MidEast)

### CYPRUS

05161535 584/EULAA KM64 50.110 PBOALN  
05161930 584CY 50.499 B PA3BPM  
05161957 584CY 54 KM64 50.499 B OM9BGP  
05180709 584CY WK BURST6>IO92 50.499 B G4VPD  
05221504 584JE KM64M7 50.110 IT9PME

### ISRAEL

05161535 4X1IF 359 KM72>JO21 50.100 PA0ERA  
05161545 485JA 50.135 PA2TAB  
05161844 485JA KM72 > JO71 50.101 DL9USA  
05161906 485JA KM72 > JO41 50.102 DK2PH  
05161927 485JA KM72 50.102 PBOALN  
05162003 4X1IF KM72 > JO43 50.104 DLSBAC  
05162012 4X1IF KM72KD >JO32HC 50.104 PA3ANV

### LEBANON

05161516 0D5SIX 50.078 PBOALN  
05161537 0D5SIX 529 50.078 B OM9CFB  
05161830 0D5SIX 50.078 B PBOALN  
05161941 0D5SIX 51 KM74>JO33 50.078 B PE1FJG  
05161943 0D5SIX 50.078 B OM4BJP

### MALDIVES IS.

05011000 8Q7QQ 50.110 C JA2/6

### OMAN

03281410 A45EW 57/59 S E22JE  
04100944 A45EW C J56CDB  
04101053 A45EW 50.110 S JR6  
04111016 A45EW C V71AT  
041130814 A45EW 50.130 S JR2HCB  
041130830 A45EW 50.130 C JR6  
04291005 A45EW 50.110 C JR6  
04291126 A45EW >PM97 50.110 H BV2SR  
04291129 A45EW >PL36 50.110 S J76CCU  
04291138 A45EW >PL36 50.120 W JR6QWW

## Reports of Asia (Far East)

### CHINA

05040126 B CHINESE FM BDCST 89.7 F JR4ENY/1  
05042240 B CHINESE FM BDCST 89.1 F JR4ENY/1

### HONG KONG

04260954 VR98LC 50.095 B JR2SQE  
04261012 VR2XRW 50.130 S JR2HCB  
04270300 VR2EST 50.110 S JR2SQE  
04270317 VR98LC 50.125 S JR2SQE  
04270335 VR2EKD 50.135 S JR2SQE  
04270337 VR2XVD 50.130 S JR2SQE  
04270339 VR2EST >PM53 50.150 S JA6TEW  
04270428 VR2ELP >PM53 50.110 S JA6TEW  
04270431 VR2EST >PM53 50.110 S JA6TEW  
04280316 VR2EST 50.110 S JR2KBY  
04280347 VR2LW >PM53 50.120 S JA6TEW  
04280349 VR2ELP >PM53 50.120 S JA6TEW  
04280352 VR2EGD >PM53 50.120 S JA6TEW  
04280354 VR2YGO 50.110 S JR2KBY  
04280418 VR2ELP 50.110 S JR2KBY  
04280419 VR2EST 50.110 S JR2KBY  
04280423 VR2YGO 50.110 S JR2KBY  
04290226 VR98LC >QM05 50.110 C JA1VOK  
04290232 VR98LC >PL36 50.105 C J76CCU  
04290327 VR2EST >PM86 50.110 S JA9CGR  
04290329 VR2YGO >PM86 50.120 S JA9CGR  
04290330 VR2YGO 50.115 S JR2SQE  
04290331 VR2YGO >QM05 50.120 S JA1VOK  
04290332 VR2EST 50.150 S JR2SQE  
04290338 VR2EST >QM09 50.150 S JH7UPW  
04290340 VR2EST >QM07 50.150 S JA7WSE  
04290341 VR2EST >QM05 50.150 S JA1VOK  
04290403 VR2ERW >QM05 50.133 S JA1VOK  
05021415 VR2ELP >PL36 50.110 S J76CCU  
05021417 VR2ELP >PL36 50.110 S J76VSP  
05041535 VR2EST >PL36 50.110 S J76CCU  
05041537 VR2EST >PL36 50.110 S J76VSP  
05041543 VR2XRW >PL36 50.110 S J76CCU  
05041545 VR2XHW 50.110 S JR2KBY  
05041549 VR2ZBD >PL36 50.110 S J76CCU  
05041552 VR2EL 50.110 S JR2KBY  
05041554 VR2ISL >QM05 50.110 S JA1VOK  
05041555 VR2IL 50.110 S JR2KBY  
05041601 VR2ESL 50.140 S JR2KBY  
05041630 VR2EST >QM09 50.110 S JK7IKU  
05041638 VR2QM 50.110 S JR2KBY  
05041653 VR98LC 50.102 C JR2KBY  
05041703 VR2YRC 50.110 S JR2KBY  
05080853 VR2EDH >PM85 50.110 S JR2DWE  
05080902 VR2IL >PM95 50.130 S JE1TGW  
05080925 VR2EDH >PM95 50.150 S JE1TGW  
05080926 VR2IL >PM85 50.130 S JR2DWE  
05080931 VR2YRC >PM95 50.166 S JE1TGW  
05081036 VR98LC >PM75 50.103 C JA3JTG  
05081049 VR98LC >QM05 50.103 H JA1VOK  
05081452 VR2EST >PL36 50.110 S JR6VSP  
05081454 VR2EDH >PL36 50.110 S JR6VSP  
05081507 VR2YRC >PL36 50.110 S JR6VSP  
05081510 VR2XMQ >PL36 50.110 S JR6VSP  
05090938 VR2YRC >QM05 50.110 S JA1VOK  
05090941 VR2XRW >QM05 50.130 S JA1VOK  
05090946 VR98LC >QM05 50.103 H JA1VOK  
05090951 VR2YRC >PM96 50.110 S JH1WHS  
05090953 VR2YRC >QM07 50.110 S JA7WSE  
05090957 VR2YRC >PM85 50.110 S JR2DWE  
05090958 VR2YRC >PM75 50.110 S JA3JTG  
05091000 VR98LC >PM85 50.103 H JR2DWE  
05091002 VR2YRC >PL36 50.110 S J76CCU

05091003 VR2IL >PM85 50.130 H JE2DWE  
05091017 VR2MQ >QM05 50.120 S JA1VOK  
05100329 VR2SQE >QM05 50.110 S JA1VOK  
05100339 VR2SQE >PM95 50.110 S JE1CCD  
05100341 VR2SQE >PM95 50.110 S JE1TGW  
05100343 VR2XHW >QM05 50.130 H JA1VOK  
05100343 VR2EGD >QM05 50.130 H JA1VOK  
05100344 VR2IL >QM05 50.130 H JA1VOK  
05100351 VR2IL >QM05 50.140 H JA1VOK  
05100407 VR2MM >PM75 50.098 C JA3JTG  
05100409 VR2SQE >PM53 50.130 S JA6TEW  
05100410 VR2SQE >PM75 50.130 S JA3JTG  
05100411 VR98BJK >QM05 50.103 C JA1VOK  
05100412 VR2IL >PM53 50.140 S JA6TEW  
05100414 VR2PM >QM05 50.098 C JA1VOK  
05100415 VR2MM >PM53 50.120 S JA6TEW  
05100417 VR2BA >PM75 50.150 S JA3JTG  
05100454 VR2YRC >PM53 50.130 S JA6TEW  
05100456 VR2YRC >QM05 50.130 H JA1VOK  
05100458 VR2YRC >PM64 50.130 S JH4JPO  
05100501 VR2CY >PM53 50.175 S JA6TEW  
05100511 VR2CY >QM05 50.175 S JA1VOK  
05100513 VR2CY >PM95 50.175 S JE1TGW  
05100852 VR98LC >QM05 50.110 H JA1VOK  
05101024 VR2GY >QM05 50.100 C JA1VOK  
05101028 VR2LW >QM05 50.120 S JA1VOK  
05101029 VR2XRW >QM05 50.130 H JA1VOK  
05141015 VR2XMT >PM63 50.110 H JA5CMM  
05141030 VR2MQ >PM85 50.180 S JE2DWE  
05160222 VR2EST >QM05 50.110 H JA1VOK  
05160223 VR2XMT >QM05 50.110 H JA1VOK  
05160352 VR2EDH >PM95 50.150 S JE1TGW  
05160359 VR2MQ >QM05 50.180 S JA1VOK  
05160405 VR2EDH >QM05 50.130 S JA1VOK  
05170356 VR2SQE >PM95 50.110 S JE1TGW  
05170421 VR2SQE >QM05 50.110 H JA1VOK  
05170436 VR2XHW >QM05 50.130 H JA1VOK  
05170436 VR2MQ >QM05 50.130 S JA1VOK  
05170439 VR2EST >QM05 50.130 H JA1VOK  
05170504 VR2YRC >QM05 50.130 H JA1VOK  
05170506 VR2XMQ >QM05 50.130 H JA1VOK  
05170506 VR2EGD >QM05 50.130 H JA1VOK  
05170508 VR2YMO >QM05 50.130 H JA1VOK  
05170511 VR2EGK >QM05 50.130 S JA1VOK  
05170513 VR2XMQ >QM05 50.130 S JA1VOK  
05170517 VR2YRC >QM05 50.130 S JA1VOK  
05170521 VR2YRC >PM96 50.120 S JH1WHS  
05170525 VR98LC >QM05 50.103 H JA1VOK  
05170527 VR2EGK >PM95 50.130 S JE1TGW  
05170527 VR2ELP >PM95 50.130 S JE1TGW  
05170528 VR2YRC >PM95 50.130 S JE1TGW  
05170529 VR2XHW >PM95 50.130 S JE1TGW  
05170545 VR2IL >QM05 50.140 H JA1VOK  
05170914 VR98LC >PM85 50.150 S JE2DWE  
05170918 VR2EST >PM85 50.120 S JE2DWE  
05170919 VR98BG >PM85 50.135 S JE2DWE  
05170933 VR2EQE >PM85 50.125 S JE2DWE  
05170937 VR98BG >QM05 50.105 H JA1VOK  
05170945 VR2EDH >PM95 50.180 S JE1CCD  
05170950 VR2XRW >QM05 50.135 H JA1VOK  
05171000 VR97LC >PM53 50.150 S JA6TEW  
05191155 VR2EDH >QM05 50.130 H JA1VOK  
05191159 VR2EGK 50.130 JG2MLI  
05191200 VR2XRW 50.120 JG2MLI  
05191240 VR2EGK >PM64 50.130 S JH4JPO  
05191256 VR2YRC >QM05 50.150 H JA1VOK  
05200928 VR2EST >PM63 50.110 H JA5CMM  
05220225 VR98LC 50.132 S JA3FYC  
05230123 VR98BG >QM05 50.103 H JA1VOK  
05230159 VR98LC 50.103 JF3MYA  
05230205 VR2EST >QM05 50.110 H JA1VOK  
05230209 VR98LC >QM05 50.103 H JA1VOK  
05230240 VR2XMT >QM05 50.110 H JA1VOK  
05230256 VR2XMT >PM85 50.150 S JE2DWE  
05230259 VR2PM >PM85 50.130 S JR2DWE  
05230324 VR2XMT >PM85 51.060 F JE2DWE  
05230338 VR2MQ >QM05 50.138 S JA1VOK  
05230422 VR98BJK >QM05 50.103 H JA1VOK  
05230429 VR98BJK >PM74 50.103 C JA3EGE

### JAPAN

03301130 J76CCU FAI 144 W JR4ENY/1  
03301130 JQ6INQ FAI 144 H JR4ENY/1  
04030759 JF6RFE >REF70 50. S EL2TYP  
04030800 JA6SBW, JH6KKE >REF70 50.1 B EL2TYP  
04030816 JA6YBR >REF70 50.017 B EL2TYP  
04090732 JA1RJU, JA1WLO >REF70 50. S EL2TYP  
04090750 JA2IGY >REF70 50.010 B EL2TYP  
04180511 JA1-7/0 -0840 >REF70 50. S EL2TYP  
04180840 JA7MA >REF70 50.027 B EL2TYP  
04181230 JH6OIE, JG6FLP FAI 144 JR4ENY/1  
04181230 JG6OJV, JQ6INQ FAI 144 JR4ENY/1  
04181230 JG6JAE/6 FAI 144 JR4ENY/1  
0418XXXX JA2IGY >REF70 50.010 B EL2TYP  
0418XXXX JA6YBR >REF70 50.017 B EL2TYP  
04220705 JG6EYE/MM 50.1895 S JR2HCB  
04221215 JG6FLP, JG6JAE, JG6BQR 144 JR4ENY/1  
04251133 JQ6INQ, JG6JAE, JG6GOK 144 JR4ENY/1  
04251135 JG6IYK, JG6NFI/6 FAI 144 JR4ENY/1  
04251135 JG6BQR, JG6VPL, JG6FLP 144 JR4ENY/1  
04251135 JG6UAP, JG6VMT 144 JR4ENY/1  
04251135 JG6NDU, JG6VTL, JG6CTI 144 JR4ENY/1  
04270804 JG6ECU(?) >PM97 50.110 H 8Q7QQ  
04270900 JG6CCU >PM97 50.110 H 8Q7QQ  
04271020 JG6WJM, JG6FLP, JG6OAE 144 JR4ENY/1  
04271020 JG6PEY, JG6QLT, JG5BRU/JR6 144 JR4ENY/1  
04281000 JG6JAE/6, JG6SQR/6 FAI 144 JR4ENY/1  
04281000 JG6VPL, JG6IHN, JG6EKW 144 JR4ENY/1  
04281000 JG6GJV, JG6GJV, JG6MHS 144 JR4ENY/1  
04281000 JG6CTI, JG6FLP, JG6BEU 144 JR4ENY/1  
04290250 J7LUVF/JD1(JD1-0) 50.388 S JR2HCB  
04290805 JG6CCU & 0903 >PM97 50.110 H 8Q7QQ  
04291000 JG6GQG >PM97 50.110 H 8Q7QQ  
04291005 JG6VXP >PM97 50.110 H 8Q7QQ  
04291014 JG6SBW >PM97 50.110 H 8Q7QQ

04291033 JG6CCU >PM97 50.110 H 8Q7QQ  
04291035 JA6CCU >PM97 50.110 H 8Q7QQ  
04300100 JR8GJU/6(Minami-Daito) .110 S JR2HCB  
05010520 JR6YAG >PM53 50.037 H JA6TEW  
05010530 JR6YAG PL36 50.037 B JA2-4  
05010535 JJA4QX/JR6 Es 144 W JA2-5,9  
05010659 JR8GJU/6(Minami-Daito) .110 S JR2HCB  
05011232 JASOQH/MM PM11>QM05 50.160 S JA1VOK  
05011235 JASOQH/MM PM11>PM86 50.160 S JA9CGR  
05011245 JASOQH/MM PM11>PM85 50.160 S JE2DWE  
05021151 JG5NRU/JR6, JG5UUI/JR6 144 JR4ENY/1  
05031036 JG5NRU/JR6, JJA4QX/JR6 144 JR4ENY/1  
05041100 JG6IYK, JQ6IHN FAI 144 JR4ENY/1  
05041100 JLAGOX, JH6IHN FAI 144 JR4ENY/1  
05050816 JA2/3/5/6 -0840 >REF70 50. S EL2TYP  
05080930 JOLACW, JR7RFZ Es 144 JR6  
05190926 JR8SUC 50.202 S JH3AOU  
05220323 JR6XGA(PL36) >PM97 144.160 S JH0ISW  
05220338 JR6QVA(PL36) >PM97 144.190 S JH0ISW  
05220346 JG6KJPO(PL36) >PM97 144.115 S JH0ISW  
05220351 JL6DTC(PL48) >PM97 144.130 S JH0ISW  
05220359 JG6AIQ(PL47) >PM97 144.135 S JH0ISW  
05220409 JG6PRM YAKUSHIMA IS. 50.160 JA5XAE

### KOREA,S.

04270928 HL2DJW 50.150 S JR2HCB  
04271006 HL2DJW >PM63 50.102 H JA5CMM  
04271012 HL2DJW 50.103 C JA1-4  
04271020 DS1BJU >PM63 50.150 H JA5CMM  
04271025 DS1BJU 50.110 S JR2HCB  
04271042 HL3AQA 51.060 F JR2SQE  
04271050 HL2JTC 50.130 S JA1-4/7/8  
04271050 HLFSPS 50.160 S JA1-4/7/8  
04271051 HL2KJP >PM63 50.240 H JA5CMM  
04271113 HLFSPS 50.160 S JR2SQE  
04271145 HLIACW 50.170 S JA1-4  
04271146 HLIHNS/1 50.160 S JH1WHS  
04271156 DS1BJU >QM05 50.150 H JA1VOK  
04271156 HLIACW >QM05 50.170 H JA1VOK  
04271157 DS2DCM >QM05 50.100 H JA1VOK  
04271158 HLIHNS >QM05 50.180 H JA1VOK  
04271200 HLIACW >PM85 50.170 H JE2DWE  
04271208 DS1CMD >PM85 51.000 H JE2DWE  
04271209 DS2GYX >PM85 51.200 F JE2DWE  
04271226 HLIHNS >PM85 50.200 S JF3NGM  
04271229 HLIHNS >PM85 51.220 F JE2DWE  
04271250 HLIHNS/1 50.193 S JA2-4  
04271256 HL2KJC 50.215 S JR2HCB  
04271258 HLIHNS >PM85 50.200 S JA2-4  
04271259 DS2DCM 50.100 C JR2HCB  
04271259 HLIHNS >PM85 50.200 H JE2DWE  
04290413 DS1BJU 50.110 S JH1WHS  
04290447 DS1BJU >QM05 50.150 H JA1VOK  
04290500 DS1BJU 50.150 S JR2HCB  
04291235 HLIHNS 50.110 S JR2HCB  
05040019 HLIACW 50.170 S JH1WHS  
05091050 HLIHNS >QM05 50.110 H JA1VOK  
05100516 HLIHNS >QM05 50.160 H JA1VOK  
05100522 DS2DCV >QM05 50.135 S JA1VOK  
05100559 DS1CMD >PM85 51.100 F JE2DWE  
05101016 HLIHNS >PM85 51.100 F JE2DWE  
05104044 HLIACW >PM95 50.170 S JE1TGW  
05104046 DS1GGS >PM85 51.100 F JE2DWE  
05170232 HLIHNS >PM85 50.165 S JE2DWE  
05170255 HLIHNS >PM85 50.160 S JE2DWE  
05170401 HL4CBL >QM05 144.185 H JA1VOK  
05170416 DS2DCV >PM85 50.138 S JE2DWE  
05170424 DS1BJU >PM85 50.190 S JE2DWE  
05170442 DS2DCV >QM05 50.138 H JA1VOK  
05170445 HLIHNS >QM05 50.118 S JA1VOK  
05170503 DS2SAQ >PM85 51.200 F JE2DWE  
05170642 HL2DWR >QM05 50.165 H JA1VOK  
05180900 DS1BJU >PM95 50.150 H JE1TGW  
05180910 HLIHNS >PM95 50.130 H JE1TGW  
05190515 DS1AIA >PM85 50.110 S JE2DWE  
05200625 HL3AQA >PM85 51.100 F JE2DWE  
05200643 HLIHNS >PM85 51.100 F JE2DWE  
05200742 HLIACW >PM85 50.220 S JE2DWE  
05200900 DS1BJU >PM63 50.150 H JA5CMM  
05201022 HL3EPH >PM85 50.226 S JE2DWE  
05201057 EL1PE >PM85 51.160 S JE2DWE  
05211340 DS5UNI(PM46) >PM97 144.215 S JH0ISW  
05240209 HLIHNS >QM05 50.160 H JA1VOK  
05240215 HLIHNS >QM05 87.75 F JA1VOK  
05240233 DS2DCV >QM05 50.110 S JA3BGE  
05240233 DS2DCV >PM74 50.119 C JA3BGE  
05240324 HLIHNS >PM74 50.119 C JA3BGE  
05240745 HL ch6 >QM05 87.75 F JA1VOK  
05241002 HLIHNS/JA6HW >PM95 50.150 S JE1TGW  
05241010 HLIHNS/JA6HW >QM05 50.150 S JA1VOK  
05250817 DS2EPQ >PM85 51.200 F JE2DWE  
05251108 HLIHNS/JA6HW >QM05 50.150 H JA1VOK

### MACAO

05221205 XN9TSS >QM09 50.111 C JK7IKU  
05221311 XN9TSS >QL12 50.090 C JA8TNP  
05221318 XN9TSS >PM97 50.090 C J76CCU  
05221321 XN9TSS >PL36 50.090 C JR6VSP  
05221322 XN9TSS CLG CQ 50.089 JH0BQX  
05221344 XN9TSS >QM05 50.090 C JA1VOK  
05221450 XN9TSS CLG CQ ON CW 50.089 JF3MYA  
05221511 XN9TSS >PM95 50.089 C JH1WHS  
05221512 XN9TSS >PM95 50.089 C JH1WHS  
05230021 XN9TSS >QM05 50.090 H JA1VOK  
05230134 XN9TSS >PM95 51.020 F JH1WHS  
05230211 XN9TSS >QM09 51.020 F JK7IKU  
05230327 XN9TSS >PM85 51.020 F JE2DWE  
05230441 XN9TSS >PM85 51.020 F JE2DWE  
05250150 XN9TSS >PM85 51.020 H JE2DWE

### MALAYSIA, WEST

05011018 9M2NK >PM85 50.106 H JE2DWE  
05011020 9M2NK 50.106 C JE2KBY  
05020930 9M2NK 50.120 S JA2/3

05021353 9M2KT  
05021548 9M2NK  
05021550 9M2NK  
05030843 9M2KT  
05170041 9M2TO  
05170043 9M2TO  
05171024 9M2TO  
05171025 9M2TO  
05171032 9M2TO  
05171117 9M2TO  
05230905 9M2TO

>PL36  
>PL36  
>PL36  
QJ05>Q405  
>Q405  
>PM95  
>Q409  
>PM96  
>PM96  
>PM53

50.130 S JR2HCB  
50.110 S J76CCU  
50.110 S JR6VSP  
50.110 S J76CCU  
50.110 H JA1VOK  
50.117 H JA1VOK  
50.117 S J1TCHB  
50.117 S JK71XU  
50.117 S JHOMHE  
50.117 C JHOMHE  
50.117 W JA6QGG

05230239 BV0ART/1  
05230501 BV3FG  
05230521 BV3FG  
05230540 BV0ART/1  
05230603 BV3FG  
05230605 BV0ART/1  
05230802 BV4QC  
05251058 BV3FG  
05251220 BV4QC  
05251233 BV4QC

>PM85

>PM85

>Q405

>Q405

>Q405

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## MALAYSIA, SARAWAK

05021020 9M8SL >PM64 50.110 S JA41UO

## RUSSIAN FEDERATION-ASIA

05190820 UA05BK/O >PM95 50.110 S J1TGN

## TAIWAN

04250738 BV4SF >PM85 50.150 S JE2DWX  
04270245 BV2FG 50.001 B JL4GTO  
04270300 BV2FG 50.001 B JA2-4  
04280102 BV2DP >PM85 50.109 S JR2SQX  
04280126 BV2DP >PM53 50.110 S JA6TEW  
04280140 BV2DP >PM63 50.110 H JA5CMO  
04280140 BV2FG >PM63 50.001 B JA5CMO  
04291110 BV2SR >PL36 50.110 S J76CCU  
05010433 BV2DP 50.110 C JR2HCB  
05010433 BV2FG 50.001 B JR2HCB  
05010433 BV2SR 50.110 C JR2HCB  
05010446 BV2DP >PM85 50.115 S JE2DWX  
05010447 BV2DP 50.115 S JR2HCB  
05010449 BV2FG >PM85 50.001 H JE2DWX  
05010453 BV2PU 50.160 S JR2HCB  
05010456 BV2PU >PM85 50.160 S JR2HCB  
05010506 BV/BO2AB 50.115 S JR2HCB  
05010510 BV2/BO2AB >PM85 50.115 S JE2DWX  
05010511 BV2SR 50.110 S JR2HCB  
05010520 BV2FG >PM53 50.001 H JA6TEW  
05010520 BV2SR >PM53 50.110 S JA6TEW  
05010520 BV2SR >PM85 50.110 H JE2DWX  
05010525 BV2/BO2AB >PM53 50.120 S JA6TEW  
05010530 BV2PU 50.100 S JA1-4  
05010755 BV2FI 50.110 S JR2HCB  
05010819 BV2FI 50.110 S JE2KBY  
05010820 BV2FI >PM85 50.110 S JE2DWX  
05011058 BV2DP 50.110 S JE2KBY  
05011250 BV2PU >PM53 50.110 H JA6TEW  
05011307 BV2DP >PM53 50.110 H JA6TEW  
05011308 BV2FI >PM53 50.120 S JA6TEW  
05011318 BV2FI >Q405 50.120 H JA1VOK  
05011330 BV2PU 50.110 C JE2KBY  
05011333 BV2FI 50.120 S JA2-4  
05020817 BV2DP 50.115 S JR2HCB  
05020825 BV2FI 50.099 C JA1-4  
05020825 BV4FE 50.182 S JR2HCB  
05020829 BV2FI 50.130 S JR2HCB  
05020830 BV2SR 50.110 S JR2HCB  
05020845 BV2DP >PM63 50.115 H JA5CMO  
05020845 BV2FI >PM63 50.130 H JA5CMO  
05020850 BV4SF >PM63 50.180 H JA5CMO  
05020851 BV2SR >PM63 50.110 H JA5CMO  
05020921 BV2YH 50.120 S JR2HCB  
05021145 BV2SR 50.110 C JR2HCB  
05021231 BV2FI >Q405 50.110 H JA1VOK  
05021239 BV2YH >PM74 50.098 C JA3GE  
05021252 BV2FI 50.110 S JR2HCB  
05021413 BV2SR 50.110 C JR2HCB  
05030526 BV2SR 50.120 S JE2KBY  
05030528 BV2SR >PM64 50.120 S JH4JPO  
05031141 BV4QI >PM53 50.172 S JA6TEW  
05031145 BV2DP >PM53 50.166 H JA6TEW  
05031146 BV4QI 50.172 S JE2KBY  
05031230 BV4QI >PM86 50.171 S JA9BHE  
05041715 BV2DP 50.110 S JE2KBY  
05051417 BV2SR >PL36 50.110 C JR6VSP  
05061132 BV4QI >PM63 50.180 H JA5CMO  
05061134 BV4SF >PM63 50.175 H JA5CMO  
05080829 BV2PU >PM85 50.110 H JE2DWX  
05081200 BV2FG >PM85 50.001 B JE2DWX  
05090602 BV0ART/1 >Q405 50.110 S JA1VOK  
05090603 BV0ART/1 >PM85 50.120 S JE2DWX  
05090628 BV0ART/1 >PM75 50.120 S JA3JTG  
05100355 BV2TL >PM75 50.112 S JA3JTG  
05100404 BV2TL >Q405 50.112 S JA1VOK  
05100406 BV2TL >PM53 50.112 S JA6TEW  
05100418 BV3FG >PM53 50.116 S JA6TEW  
05100420 BV3FG >PM75 50.116 S JA3JTG  
05100440 BV3FG >PM86 50.116 S JA9BHE  
05100520 BV3FG >Q405 50.116 S JA1VOK  
05100544 BV/JH3GCM >PM53 50.119 S JA6TEW  
05100915 BV3FG >PM63 50.120 H JA5CMO  
05101016 BV/JH3GCM >PM63 50.118 S JA5CMO  
05110412 BV3FG >PM85 50.120 S JE2DWX  
05140918 BV2DP >PM63 50.115 H JA5CMO  
05140920 BV2FG >PM63 50.001 B JA5CMO  
05141046 BV4QI >PM85 50.150 S JE2DWX  
05152357 BV3FG >Q405 50.120 H JA1VOK  
05160123 BV2DP >Q405 50.110 S JA1VOK  
05160201 BV2FG >Q405 50.001 B JA1VOK  
05160328 BV2DP >PM95 50.110 S JE1CCD  
05160328 BV3FG >PM95 50.120 S JE1TGN  
05160333 BV/JH3GCM >Q405 50.117 C JA1VOK  
05170045 BV/JH3GCM >Q405 50.112 H JA1VOK  
05170104 BV2DP >Q405 50.115 H JA1VOK  
05170221 BV/JH3GCM >PM85 50.112 S JE2DWX  
05171038 BV4QC >PM53 50.135 S JA6TEW  
05171052 BV4QW >PM53 50.127 S JA6TEW  
05191312 BV4PH 50.120 S JQ3DUZ  
05201006 BV/JH3GCM >PM63 50.110 H JA5CMO  
05211010 BV2FG >PM63 50.001 B JA5CMO  
05230029 BV/JH3GCM >Q405 50.112 H JA1VOK  
05230210 BV3FG >Q405 50.120 H JA1VOK  
05230213 BV3FG 50.120 JG2MLI  
05230231 BV0ART/1 >Q405 50.125 H JA1VOK

## Reports of Europe

### EUROPE GENERAL

05190519 EUR TV (E) 48.240 V PA3GST  
05191753 EUR VID 59 > JO61VA 49.749 V DDOVF  
05210622 EUR VID COMING UP 49.750 V PBOALH  
05210639 EUR VID 59++ 49.741 V PA3GST

### BALEARIC IS.

04031903 EH6SA 55/55 JM19KO > IL18SK S EH8BFX  
05211801 EH6NB JM19 > 50.125 DL7FF  
05211805 EH6NB JM19IQ > 50.125 OK1DCP

### BELARUS

05171953 EW1RE KO33>JM78 50.145 OE5PAM

### BELGIUM

04015130 ON1LNS WKG YO H YO7VS  
04151530 ON5FU WKG YO H YO7VS

### BULGARIA

05051436+LE < 1600 > KG33 W ES6AXT  
05161448 LE2HM KN12 > JO41 50.106 DK2PH  
05161451 LE2YR 59+ KN13>JO21 50.121 ON8MC  
05161515 LE1AG JO32 > KN22 50.119 F1PFB  
05161838 LE1AG KN22 > JO43 50.120 DL5BAC  
05161841 LE1AG KN13 > JO60 50.105 OK1DCP  
05161942 LE1AG KN22 50.122 ON9BGP  
05171920 LE1EP 55/55 KN22>KP02 50.115 S OH6KTL  
05191821 LE1KDP KN12 50.120 SP4MPB  
05210522 LE1BBS 50.110 IS9QDV  
05211154 LE1KDP KN12QP>JM54KJ 50.150 IS4AIB

### CRETE

05161555 SV9ANK KM25 > JO60 50.115 OK1DDO

### CROATIA

04220929 9A4MY 599/599 JM75 > IO80 C G4UPS  
05051133 9A2DI > KG33 W ES6AXT  
05051436+9A < 1600 > KG33 W ES6AXT  
05211841 9A2DI 559 JM95>IM67 50.108 EA7KW

### CZECH REPUBLIC

05210547 OK8ANF/MM 50.1425 ISLPR  
05210631 OK8ANF/MM 59 KM27>JM61 .145 IWOBET

### DENMARK

04050908 OE2LD 56 SSB MS H G4UPS  
04071608 OE2LD CLG CQ MS H G4UPS  
05180106 OE6VHF 559 > KP42 50.054 B OH7JKL  
05190734 ES8ABE BO CLG CQ SIX 50.125 DJ6TK  
05191928 OS3ZW 50.111 SP6ASD

### ENGLAND

05190532 G3NVO 50.107 PA3GST  
05190638 G8MBCB 59 IO70>JM88 50.040 B OK3JPC  
05220200 MOBCJ JO02>JM61 50.140 IOWTD  
05220205 G3WCS IO83>JM61 50.140 IOWTD  
05220301 G4MQK JO02>JM61 50.140 IOWTD

### FAROE ISLANDS

05161706 OY9JD 57 IP620A 50.120 ON9BGP  
05191751 OY9JD CLTG CQ 50.110 ON4GG  
05191847 OY9JD IO93 LOUD 50.120 G6YIN

### FINLAND

05180715 OH1SIX 599 > KO10EF 50.067 B SP8RHP  
05180716 OH9SIX 599 > KO10EF 50.023 B SP8RHP  
05180742 OH9SIX 55 KP36>JO22 50.067 B PA3BLS  
05180835 OH3MF 59 > KO10EF 50.149 SP8RHP  
05181336 OH1SIX WEAK AU 50.025 B OH6KTL  
05181336 OH9SIX WEAK AU 50.067 B OH6KTL  
05191215 OH9SIX 559 50.067 B OZ5AGJ  
05211823 OH6NIO 53 KP12>JO23 50.130 PA3DWO  
05231105 OH9SIX 539 50.067 B OZ5AGJ  
05231205 OH1SIX WEAK KP11 50.025 B ON9BGP

### FRANCE

04271218 FLIACW 50.170 S JL4GTO  
05161846 F1MXE JN05 > JO70 50.201 OK1MP  
05190747 F1DKF JN24>JO42 50.120 DL4OCD  
05191939 F57?? 50.119 ON9BGP  
05221536 F8KOT JO100S 50.310 B ON1LGS  
05221652 F81NWA CLG CQ OM CW 50.210 ON1LGS

### GERMANY

04151437 DL3AMA 559 CLG CQ H YO7VS  
05161827 DL4TB JO64CC>JN12FE 50.105 EH3CUU  
05181707 DL9USA 579 TROPO 50.180 SP6GWB

### GIBRALTAR

05191720 SB2IF 59+ 50.125 G3RVO  
05191732 SB2IF IM76HE>JO22IM 50.124 PA2VST  
05191821 SB2IF 50.110 W ON4GG  
05191824 SB2IF IM76HE 50.110 ON9BGP

## GREECE

05111912-SV1AHP, SV1EH W PY5CC  
05111915-SV2DFA, SV1COA W PY5CC  
05161743 SV1SIX 559 50.040 B DL4ALT  
05161803 SV1DH KN18 50.111 DL4ALT  
05161906 SV2BQ KN10 50.120 PE1OSH  
05162005 SV2BQ 55 KN10>JO42 50.140 DL9QBD  
05210556 SV1SIX 529 > JO80 50.040 B SP6GWB  
05210559 SV1OVN 50.1148 ISLPR  
05210725 SV1SIX 50.040 B HB9ONH  
05211133 SV1SIX 599+ > JO50AW 50.040 B OK5FA  
05211137 SV1DH 50.130 PA2VST  
05211150 SV1SIX 599 > JO60 50.040 B DL5JBH  
05211155 SV1DH 59+ > JO60FS 50.130 DL5JBH  
05211156 SV1SIX 539 50.040 B DG9BEM  
05211303 SV1SIX 579 > JM52 50.040 B IK5JWQ  
05211847 SV1DH 55 > IM67 50.131 EA7KW  
05221503 SV1SIX WEAK JH47 50.040 B HB9JAW  
05221609 SV1SIX 559 KM17>JM35 50.040 IW1DIM  
05221610 SV1ANK 50.110 IK2DUV  
05221847 SV1SIX 579 > JM48 50.040 B DL8SET

## ISLE OF MANN

05221037 GD0TEP 50.104 G3SYC

## ITALY

04091315 IW5AVM 55 H G4UPS  
04091317 ISMXX 59/59 JM53 MARSIO S G4UPS  
04091322 IWORGW 59/55 JM62EV S G4UPS  
04091324 ILAMP 59/59 JH44VC MARIO S G4UPS  
04091333 IW8COJ 59+>59 JN60WR S G4UPS  
04130637 IK0PTA 539 CLG CQ DX H YO7VS  
04220758 I4CIL 59/59 JN64AH FRANCO S YO7VS  
04220823 IW5AHI 59/59 LUIGI FIRENZ S YO7VS  
04231913 IW0UIQ 55-1925 > IO80 H G4UPS  
05111919-IW9DOH, IW9ELR W PY5CC  
05111932-IK5OEA, IK5ONY W PY5CC  
05111937-I5ECY, IK5FTQ W PY5CC  
05111942-IK4DRY, IS4AIB W PY5CC  
05161821 IOJX 559 50.004 B DL9USA  
05161845 IK6PIG 59+ > JO61 50.145 H DDOVF  
05161900 IS5EME 59+ > JO61 50.132 DDOVF  
05161931 IW9DOH CLG CQ DX 50.110 H ON4GG  
05162004 IW4BIF 55/59 JN64 50.150 DL7FF  
05181544 IW9EQS JH76KS 50.120 H SP6ASD  
05190518 IOJX 519 JN61RW>JO28UX .010 B LA0HB  
05190703 IW0BET JH51 50.140 PA3BLS  
05190714 ISTAT JN53 50.135 PA3BLS  
05190733 I4TSB CW JH64>IO93 50.120 H G3KNU  
05190734 IZ1BWD, IW1CAA JH45 50.150 PA3BLS  
05190805 ISTAT JN53 50.1297 G3KNU  
05190849 ISTAT JN53 50.130 G3TOR  
05190850 IOYU CESAR 50.146 G3TOR  
05210648 I1AK 599+>IW0BET 50.145 ITR9SR  
05211258 IOJX WEAK > JO21 50.004 B ON9BGP  
05211321 IOJX 52 JN61>JO50JW 50.004 B DL4ALI  
05211750 IW0UIQ 50.165 PA3GAN  
05221059 IOJX 579 > JO23 50.005 B PLIMCD  
05222018 IW0XGN CLG CQ 50.130 G6YIN  
05222131 I7QKGF 53 >JO21DV 50.135 PL1PSS  
05242130 I1UTQ 58 PAI 144. EA3ADM

## LUXEMBOURG

05221714 LX2DX JH29>JO32 TROP .103 PA3FJY  
05221800 LX2DX JO20>JO23 50.105 PA3DWD

## MACEDONIA

05161845 I32MA 50.120 DL5BAC  
05161854 I32MA 50.125 PE1OSH  
05161955 I32MA CLG CQ 50.125 H DK7SB

## MALTA

04131935 9H1EA 53 JEFF JM75 50.110 H LW5EJU  
04222000 9H1XT > IO91 W G3HBR  
04231820 9H1XT WKG DL > IO80 H G4UPS  
05111904-9H5EE, 9H1EL W PY5CC  
05111908-9H1XT, 9H1ET W PY5CC  
05161837 9H1XT 50.130 PE1OSH  
05161848 9H1EL 57 > JO61 50.150 DDOVF  
05161858 9H1EL JM75 50.145 PA3FAP  
05181528 9H1SIX 599+ 50.0245 B SP6ASD  
05190753 9H1EL JM75 50.120 PA3BLS  
05221055 9H1SIX 559 > JO80 50.025 B SP6GWB  
05210658 9H1SIX 599 JM75>JM76 50.025 B OB6LOG  
05211810 9H1SIX 599 JM75>JO80 50.025 B SP6GWB  
05211813 9H5PU 50.1098 SP6VXO  
05211818 9H1EL 59 50.190 SP6VXO  
05211821 9H1XT 59 50.155 SP6VXO  
05211823 9H1AW 55 50.143 OH4CBT  
05211825 9H1AW 50.145 SP6VXO  
05211850 9H1EL JM75 > JO70 50.190 OK1MP  
05211853 9H1XT 59+ 50.180 OH1DCV  
05211859 9H1EL JM75 > JO21 50.190 OH1DCV  
05211905 9H1EL 59 50.190 ON9BGP  
05221045 9H1EL 53 >JO42 50.110 DL9QBD  
05221616 9H5IP 55 JN35 50.131 IK10F  
05221620 9H1SIX 529 JH35>JM75 50.025 B IW1DIM  
05221807 9H1AW CQ OM CW 50.110 ON9CFB

## MOLDAVIA

05171818 ER1AAZ KN47>JO54 50.106 OZ3ZW

## NETHERLANDS

041514

## POLAND

04220800 SP2SGI 44 WKG G8HUB 50.110 H G4UPS  
04220800 SP2SGI 57/57 > IO80 S G4UPS  
05161453 SP9CXT 50.125 F1IRJ  
05161456 SP8NCG KOL2 > JW78 50.110 OE50HO  
05161500 SP2MKO 50.144 S5OC  
05161633 SP2SGI 59 JO82-JW12 50.110 H33CUU  
05180908 SP8HME 59 > JP81 50.125 SM3VEE  
05180914 SP6ASD KP01>JO81 50.121 OH1XT  
05191324 SP4MPS WKG G3FPQ 50.115 H F5JLQ  
05192251 SP8SIX 339 > IO91 50.023 B G4DBL

## PORTUGAL

04031854 CT1HB 59/59 IN50XS > IL18SK S EH8BFX  
04031856 CT1DXY 59/59 IN51PE > IL18SK S EH8BFX  
04031858 CT1AL 59/59 IN60AQ > IL18SK S EH8BFX  
04031914 CT1DIW 52 DIRGO IN60 50.110 S LW5EJU  
04051929 CT1DIW 59/59 IN60MI > IL18SK S EH8BFX  
04111202 CT1DNF 59/58 IN50QF > IL18SK S EH8BFX  
04181715 CTOWN 449 -1723 B G4UPS  
05012000 CT > 2130 PA/OM/DL B G4ICD#  
05102109 CT VID 55 > FM43 48.242 V WAI0UB  
05172016 CT1DXY 50.170 9A2YC  
05191647 CTOSIX 579 > JW59 50.031 B DL7QY  
05211422 CT1CDX >JO31 50.110 DL1WQ  
05211428 CT1DXY CLG CQ 50.140 DL5BAC  
05211408 CT1HB 59 IN50>JW49XS 50.160 DF6NA  
05221146 CT98CBI IM59>JO21EH 50.121 ON8MC  
05221148 CT98CBI IM59>JO32EH 50.121 PA3JFY  
05221203 CT98CBI IM59HI 50.122 PE1KIQ  
05221505 CT1DNF 59+ IN51>JW61 50.140 IWOGDC  
05221626 CT1HB 50.150 IW5DAM  
05221649 CT1HB FELIE 50.150 IOCEP

## ROMANIA

04151510 YO7VJ 50.110 H G3HER  
04191308 YO2LAM > IO70 W G3VOF  
05051436+YO < 1600 > KG33 W ZS6AXT  
05161451 YO3APJ 55 KN32 50.110 H DK0NL  
05161454 YO3FWR 59 KN34>JO21 50.130 ON8MC  
05161835 YO3KJW 50.075 B G0ALX  
05161837 YO3APJ 57 KN34>JO01 50.130 GR2ZA  
05161847 YO2LAM 57 KN05> JO21 50.134 FE1EBJ  
05161903 YO3APJ KN34AL 50.130 PA3FBP  
05161932 YO2LAM KN0-5 > JW48 50.130 DL8ST  
05162001 YO2QC/P KN16 > JO41 50.125 DK2PH  
05171919 YO2IS KP20>KN05 50.164 OH2LHM  
05171956 YO2LAM KN05 50.114 OH1XT  
05172000 YO4APJ/P KN43 50.126 O39ABV  
05211038 YO2LIE 50.145 IT9RSR  
05211214 YO7LWA 59 KN15>JW45 50.1296 I2WGS  
05211216 YO7VJ KN34 50.1297 F8OP  
05211219 YO3KJW 559 50.075 B F8OP  
05211749 YO4AUL 57/57 JO20>KN44 .109 S PA0LPE  
05211807 YO7AOT KN14 50.110 DF8XR

## RUSSIAN FEDERATION

04220850 UA1WR CLG I2EYV > IO80 H G4UPS  
05171952 RA3YO 50.102 OK1MP  
05211132 UA TV SOUND 56 56.250 F DB6LJ  
05231220 UA-TV WEAK AU 49.750 V OH6KTL

## SAN MARINO

05211149 T7/I4SQ6 59 JW63 50.125 LE1KDP  
05211201 T7/I4SQ6/A SAN MARINO .125 IE4AIB

## SARDINIA

04231816 IS0QDV 59/55 JM49PF MARIO S G4UPS  
05111924-IS0QDV, IK5YJ W PY5CC  
05211751 IS0QDV 50.120 PA2VST  
05211756 IS0MPC 50.0993 PA3GAM  
05211813 IS0QDV 57 JM49>JO20 50.120 ON1DHF

## SCOTLAND

04261515 G0MOTG 44A IO87 > IO80 AU H G4UPS  
04261522 M0GAMW 55A/55A IO75EJ AU C G4UPS  
05211816 GB3RMK IO77>JO33 50.060 B PA0OOC  
05221728 GM3WQJ 59 IO77>JO60 50.152 OK1DPU  
05221853 GB3RMK WEAK >JW61G1 50.059 B IK0OKY

## SERBIA

04220846 YU1SIX 559 > IO80 B G4UPS  
04220847 YU1HQR 579/579 JN94 MICO C G4UPS  
04220907 YZ1AA 579/559 KN04 > IO80 C G4UPS  
04231642 YU1HQR 559 > IO80 H G4UPS  
04231642 YU1SIX 339 > IO80 B G4UPS  
05051436+YU < 1600 > KG33 W ZS6AXT  
05161843 YU1SIX 50.088 B DL4ALI  
05161857 YU100 50.145 PA3FBP  
05161943 YU1SIX 519 KN03>JO33 50.088 B FE1PQJ  
05162003 YU1BN 57 KN04>JO21 50.130 FE1EBJ  
05162008 YU1BN KN0400 50.130 ON9BGP  
05190524 YU1SIX KN03KH 50.0885 B PA3GST  
05211828 YUBMC 52 50.150 ON4CBT  
05211837 YU1HQR 599 JN94>IM67 50.104 EA7KW  
05222012 YT1AU WKG G4UPS 50.108 G3IBI

## SICILY

04091333+IT9 WEAK > IO80JH H G4UPS  
04220742 IT9RZR 59/59 JM76MW MORIS S Y0TVS  
04231859 IT9RQD 59/59 JM68GA TORI S G4UPS  
05111902 IT9RZR 59+ W PY5CC  
05111928-IT9RQD, IS0AGY W PY5CC  
05161907 IT9RQD JM68 50.115 PA3FBP  
05181302 IT9 57 JM75>JO20 50.125 H PA0LPE  
05181530 IT9RZR 50.140 SP6ASD  
05210704 IT9RZR 50.105 PA3BPM  
05211823 IT9RZR CLG CQ 50.135 H SP6VXO  
05221901 IT9RZR 59 BURST 50.120 H MOBCIT  
05221049 IT9KSS 59 JM68 50.110 DL1EAP  
05221107 IT9KSS 50.130 PA3JFY

## SLOVENIA

04022116 S51AG/MM 59+ EL30 50.110 S LW5EJU  
04220846 S55ERS 599 > IO80 B G4UPS  
04220910 S57AC 559/559 JM76TW BOJAN C G4UPS  
04220916 S57EA 599/599 JM76HE MIRAN C G4UPS  
04220919 S57JA 599/599 JM76GB BOJAN C G4UPS  
05190528 S55ERS JM76MC 50.0146 B PA3GST  
05190625 S57JA 529 JO21DL 50.105 PA3HDP  
05190945 S57ET 59 > IO75 BOJAN 50.116 OH7HEI  
05190949 S55ERS 569 JN76>IO75 50.014 B OH7HEI  
05230810 S55ERS 539 >IM67 50.0145 B EA7KW

## SPAIN

04031943 EH3ADW 59/59 JN11CQ > IL18SK S EH8BFX  
04032001 EH7TL 51/55 IM76CG > IL18SK S EH8BFX  
04051627 EH5GMI 59/59 IM99VG > IL18SK S EH8BFX  
04062101 EH1TA 59/59 IN53BI > IL18SK S EH8BFX  
04201856 EH7AJ 59/59 IM87CG JUAN S G4UPS  
04291801 EH3ADW 59/59 50.110 S EH8BFX  
04301829 EH5CTH 55/59 JM97EK 50.110 S EH8BFX  
04301832 EH7FRE 59/59 JM86SU 50.115 S EH8BFX  
04301906 EH7SM 59/59 JM26SR 50.115 S EH8BFX  
05012000 EHT-9 > 2130 PA/OM/DL GJ4ICD#  
05102109 EA VID 55 > FM43 48.250 V WAI0UB  
05111951 EHDVD W PY5CC  
05181435 EH5VQ CLG CQ 50.144 H SP6ASD  
05190733 EH3DUU JN12JC>JO53FG 50.110 DJ6TK  
05190811 EH3BTD JN12FE>JO53FG 50.120 DJ6TK  
05191643 EH7GTF 59 IM87>IO92 50.115 G4USE  
05191712 EH7GTF 59 IM87>JO02 50.115 MOBCIT  
05191819 EHTAH 50.125 LX1JX  
05191822 EH7GTF IM87 50.116 ON9BGP  
05191823 EH7KW 599 50.106 LX1JX  
05191836 EH7GTF 59 50.115 ON9BGP  
05191845 EH7ZM IM76 50.122 ON9BGP  
05191851 EH5DIT IM99>IO92 WEAK .1221 G0PQO  
05191933 EHTAH IM67 50.125 DL9GU  
05211104 EH1BLA 50.130 OZ4LP  
05211803 EH7GTF IM89CS 50.1371 PA2VST  
05211808 EHTKW IM67KI 50.116 HB9OAB  
05220542 EH1DVY IN82 50.074 B PH3YV  
05221451 EG5VQ 50.150 IT9EVL  
05221754 EH5VD 55 IM99>JN45AM 50.120 IW1CAA  
05221910 EH5UB JM08 -1911 50.110 G4WMD  
05221933 EH1HMK IN82 50.110 OZ4LP  
05221958 EH3ADW 50.110 OZ4LP

## SWEDEN

04090748 SMTAED 599/599 JO65 C G4UPS  
04100745 SMTAED 599/599 JO65 > IO80 C G4UPS  
04100741 SMTAED 599/599 JO65 > IO80 C G4UPS  
04120744 SMTAED 599/599 JO75 > IO80 C G4UPS  
04130745 SMTFJE 579/559 JO65 B C G4UPS  
04130757 SMTAED 599/559 JO65 ARNE C G4UPS  
04140742 SMTAED VY WEAK CLG G3CCH H G4UPS  
04150744 SMTAED 599/339 MB C G4UPS  
04160743 SMTAED 599/599 C G4UPS  
04170745 SMTAED 579/579 C G4UPS  
04180744 SMTAED 579/559 C G4UPS  
04190742 SMTAED VY WEAK CLG G3CCH H G4UPS  
04200742 SMTAED VY WEAK H G4UPS  
04220743 SMTAED 579/559 C G4UPS  
04221944 SK3SIX 559 -1951 > IO80 B G4UPS  
05051133-SM5HJZ WEAK W/QRM > KG33 W ZS6AXT  
05161828 SMTFJE CQ AFRICA 50.111 H H33CUU  
05161904 SMTFJE CQ AFRICA BS 50.110 H OH4GD  
05180747 SK4SIX 529 > IO92 50.069 B G4VDP  
05180836 SM2HTM 59 > K010EF 50.154 SP8RHP  
05180836 SM3BIU 59 > K010EF 50.167 SP8RHP  
05180837 SK3SIX 599 > K010EF 50.067 B SP8RHP  
05181554 SK4MPI KP02 330° AU 144.412 OH6KTL-1  
05191324 SM0GUX 59 > IO75 50.130 GH7HEI  
05221625 SM3WV 50.125 PA2VST  
05221704 SM3BIU JP73 50.125 PE1PQJ  
05221720 SK3SIX 579 JP71XF>JO10 .070 B OH1LGS

## UKRAINE

05051436 UR5ZEL > KG33 W ZS6AXT  
05161456 UR5CCO KN59 > JO70 50.120 OK1MP  
05161500 UR5GL KN66>JO41 50.117 DK2PH  
05161504 UR5ROK KN66 > JW59 50.117 DL9NDU  
05161508 UR5CCO KN59XG>JO51 50.117 DK7EB  
05161514 UR5ZEL KN56 > JO22 50.102 PA2WJE  
05161526 UR5CCO 57 KN59XG>JO21 .118 PE1EBJ  
05171817 UR5CCO KN49>JO54 50.110 W OZ3BW  
05171819 UR5GL KN66>JO54 50.102 OZ1DJP  
05171918 UO1BU 599 50.103 OZ1DJP  
05171922 UR5ZEL 599 50.103 OZ1DJP  
05171942 UR5ZEL KN56XX 50.103 PA0COR  
05171944 UT2HM KN79OI 50.150 PA0OOC  
05171949 UR5GL 579 KN66BG 50.116 PA0OOC  
05171949 UR5GL 579 KN66BG 50.116 PA0OOC  
05210948 UR5ZEL 599/559 KN56 50.102 C PA0LPE

## WALES

04261629 GW0KSG/MM IO37 AU 144.126 DAVE

## Reports of North America

This month's TV DX reports via ionospheric modes were submitted by Danny Oglethorpe, Shreveport, LA; Pat Dyer, WA5YXK, San Antonio, TX; William Eckberg, Dixon, IL; Jeff Kruzsk, Baton Rouge, LA; and Mike Cherry, VE7SKA, Salt Spring Is. BC.

## North America, Maritime Mobile

04252254 WILP/MM FK00 >EL87RH 50.125 W KD4ESV  
04252300 WILP/MM BJ90 > EL87 H W0VHF/4  
04252315 WILP/MM FK00 CLG CQ 50.110 H CO2QJ  
04261755 WILP/MM EK94 > EM21 W WA5JCI  
04261820 WILP/MM EK95 > EM21 W WA5JCI  
04261839 WILP/MM EK95 > EL87 W W0VHF/4  
04261930 WILP/MM 59+30 EK95 > EL87 H W0VHF/4

## BAHAMAS

04112232 C6AFP 57 50.062 B LW5EJU  
05022230 C6AFP 86 FL16 > EM79 B H8EJW  
05162230 C6AGN FL16>EL08 C3HNOA  
05172053 C6AFP FL16 > FM29 50.062 B WA3WUL  
05181435 C6AFP FL16>FM41 50.062 B WJ3JUM  
05181621 C6AFP 449 FL16>EM89 50.062 B W7SR  
05190241 C6AGN FL16 50.110 W5CPT  
05190249 C6AGN BOOMING 50.110 H5NJ  
05190249 C6AGN FL16>EM40 50.109 H5UXT  
05192252 C6AFP FL16>FM20 50.062 B W3BO  
05192308 C6AFP FL16>FM41 50.062 B WJ3JUM  
05250118 C6A/MSJEH >EM82JJ W KB80

## BELIZE

04080247 V31PC 55 DOW EK56 50.140 S LW5EJU  
04082146 V31PC 59 DOW EK56 50.110 S LW5EJU  
04251631 V3 Belize 88.9/93.7 F WA5YXK

## CANADA, Eastern

05070230+VE3 > DM79 W6OAL/0  
05111219 VE3JGU > FM05 W KB2EGF  
05172152 VE3JGU EN29 > FM29 50.130 WJ3JUM  
05192010 VE3TKI FN03>EM90 50.125 K4EB  
05192329 VE3RRK 42/57 EN93 50.150 S WA6JRA  
05192330 VE3PMG/VE3THG 50.150 S WA6JRA  
05200004 VE3FIT 529/559 50.095 C WA6JRA  
05242037 VE8BY FN5JRS B MM0AMW  
05242100 VE8BY 529 FN5JRS>IO65 B G1OCTC

## CANADA, Western

04260100 VE6EMU 51A > DO21 B VE6XT  
04261330 VE6EMU 55A DO33>DO21 144+50 B VE6XT  
04261338 VE6EMU 43A > DO21MB 144.284 B VE6XT  
05012330 VE4VHF 57 AUE - (02)0030 B VE8WD  
05012330 VE6EMU 57 AUE - (02)0030 B VE8WD  
05021250-VE4VHF AU > DO21 B VE6XT  
05021250-VE6ARC, VE6EMU AU > DO21 B VE6XT  
05021354 VE6RA DO20 > CH96 AU 144.2 C W0VBQS  
05030059 CFRN 3 AB 50° AU T VE7SKA  
05030246 VE7HCE CN99 > CH96 AU 50.1 C W0VBQS  
05030258 CFRN 3 MB 55° AU T VE7SKA  
05030436 CHWFT 3 MB 80° AUEs CBC Fr T VE7SKA  
05030458 CRBI 5 SK AUEs T VE7SKA  
05052133 VE6WCW 50.125 S WA6JRA  
05120140 VE6EMU DO33 > DO21 AU B VE6XT  
05172145 VE4VHF EN19 > FM20 50.037 B W3BO  
05172151 VE4AS EN29 > FM29 50.125 WA3WUL  
05172152 VE4VHF EN19 > FM29 50.037 B WA3WUL  
05200150 VE7AGU CN89>DM04 50.125 C CKN6FS  
05200245 VE6EMU >DM07AA B W7STU/6  
05220253 VE6EMU DO33>DM07 50.040 B W7STU/6

## COSTA RICA

04080219 TI4JHQ 59 EDUARDO 50.110 S LW5EJU  
04252300 T15KD EJ79 > EL87 W W0VHF/4  
04261937 TI4JHQ EK70 > EL87 50.110 W W0VHF/4  
05180025 T15KD 59 EJ79>DM62 50.110 H5JHV  
05190117 TI2NA >EN400M 50.079 B KA9CFD

## CUBA

04082203 CO2RK 51 JORGE CUBA 50.130 S LW5EJU  
04222320 CUBA 2 T OGLETHO  
05022200 CO2QJ 59 > EM79 B H8EJW  
05101410 CO2QJ EL82 > EN82 50.125 B KB80  
05161337 CO2QJ HAVANA>EM32 50.125 X5SIX  
05221740 CO2QJ EL83>EL09 50.125 K15GF  
05221745 CO2QJ 58 >EM10 50.110 W6JKV/5  
05231858 CO2QJ 50.125 W3BO

## EL SALVADOR

04230030 YSR 2 El Salvador Tele 2 T OGLETHO

## GUATEMALA

04251635 TG Puerto Barrios 92.3 F WA5YXK  
04251658 TG Jalapa Guatemala 93.5 F WA5YXK

## MEXICO

04011955 XE1OT 57 ALAN 50.110 S LW5EJU  
04012115 XE1KK 57 RAMON EK09 50.110 S LW5EJU  
04022029 XE1OT 59+ ALAN 50.125 S LW5EJU  
04032303 XE1RGL 59 EK08 50.125 S LW5EJU  
04062312 XE1RGL 52 GUILLERMO 50.110 S LW5EJU  
04072250 XE1GE 57 JEFF EK08 50.115 S LW5EJU  
04072258 XE1RGL 55 EK08 50.115 S LW5EJU  
04080130 unIDs 2 Canal 13, XEW T OGLETHO  
04080130 XHG 4 JAL 1003 T OGLETHO  
04080153 XE2HWB B K6QXY  
04082034 XE2HWB 57 BERNARDO 50.110 S LW5EJU  
04112238 YALAC 59 (XE1B) DK89 50.110 S LW5EJU  
04112315 XE1IK 57 HORST EK08 50.130 S LW5EJU  
04112341 XE1NAD 57 ARTUROEK08 50.125 S LW5EJU  
04132133 XE1AVM 51 EK79 50.120 S LW5EJU  
04142109 XE1AVM 53 ISMAEL 50.120 S LW5EJU  
04190235 unIDs 2, 4, 5 XEW, et. al. T OGLETHO  
04222212 XE1AVM 53 ISMAEL 50.130 S LW5EJU  
04222257 unIDs 2, 4, 5 XEW, XHGC-5 TV7 T OGLETHO  
04230020 XHPM 2 VER Telever T OGLETHO  
04232120 unIDs 2, 4, 5 XEW, TV Azteca T OGLETHO  
04232126 XE1GE 57 JEFF 50.110 S LW5EJU  
04232140 XHPM 2 VER Telever T OGLETHO

04232150	unID	Central Amer. to 104.1	F	WA5IYX	50.161307	KF4L2T	EM74>FM13GX	W	VE3VRQ	04202200	W5	NM	>	CM88	K6QXY	
04232300	XHAP	2 GUER	1142	T	OGLETHO	05161307	KF4DRS	EM71>FM13GX	W	VE3VRQ	04232150	KISGF	59	STEVE	EL09	
04240245	XEWt	2 DF		T	OGLETHO	05161358	W4MOS	EL97>FM32	50.125	K5SIX	04232143	K5TUA	51	JOHN	EL29	
04240245	XHPM	2 VER bak in		T	OGLETHO	05161415	W4/W3PUJ	K4QXX EL87	50.125	K5SIX	04232145	W5OZI	52		50.066	
04240245	XHTV	4 DF Central 4		T	OGLETHO	05161418	K84UHG	EL87>FM32	50.125	K5SIX	04232150	W5UUD	51	JACK	50.125	
04240255	unID	6 Canal 13 floating		T	OGLETHO	05161431	N4RPN	EL87>FM32	50.125	K5SIX	04232152	W5JCI	59	PETE	EM21	
04240255	XHGCT	5 DF		T	OGLETHO	05161445	W4KTF		50.125	KD4VVE	04232204	K1SJF	57	BILL	EM00	
04251340	unIDs	2,4,5 XEW,XHGC,TVAzt		T	OGLETHO	05162014	N4RPN	EL87>FM32	50.125	K5SIX	04232215	K5VH			50.110	
04251540	unIDs	3 (XEW), 6(Canal 13)		T	OGLETHO	05162015	AD4LI	EM95>EL08		K5CNOA	04262149	K5CCT	EM22	>	DL44	
04251613	X	Merida, Yucatan 93.7	F	WA5IYX	05162215	W4YUJ	55/46 FL 90"	50.150	S	WA6JRA	04262227	W5FF	DM64	>	DL44	
04251618	XHAJ	5 VER	900	T	OGLETHO	05162300	-W4	EM83	50.125	W	VE9AA	04262228	N5JH	DM65	>	DL44
04251633	XEWt	2 DF		T	OGLETHO	05171320	W4 FL	>EL80	50.125	H	K5CNOA	04262228	W5	NM/TX/OK	>	DM03
04251633	XHGCT	5 DF		T	OGLETHO	05171941	A84MF	EM81>EN50	50.130	KX9X	04262229	W5/NM/QQ	DM65	>	DL44	
04251633	XHTV	4 DF	958	T	OGLETHO	05171945	KR4QO	FM03>EN50 ROD	50.150	KX9X	04262236	N5XEM	DM65	>	DL44	
04251652	unIDs	3-5 Spanish Speaking		T	KRUSZKA	05171951	W4IO		50.072	B	W9IIX	04262336	K5SVW		>	DL44
04251700	unID	4 VER		T	OGLETHO	05171952	K4HYB	FM02 > EN50	50.139	KX9X	04270016	W5IXR	DM76	>	DL44	
04251730	X	Tonalá Chiapas 89.5	F	WA5IYX	05171955	NG4C	FM16>EM26	50.125	W	W9RY/5	04270017	K5RHR	DM65	>	DL44	
04251736	X	San Andres Tuxtla 92.5	F	WA5IYX	05171958	NG4C	FM16>EM25	50.125	N	W4JQQ	04270114	K5CF		>	DL44	
04251747	XHG	4 JAL ID	1020	T	KRUSZKA	05172006	W4ALR	EL98>FM50	50.145	K4BQO	04270122	W5FF	DM64	>	DL44	
04251800	XHG	4 JAL	1003	T	OGLETHO	05172009	W4CHA	EL88>FM50	50.160	KX9X	05020158	W5	>	DM78 CO	WOLD	
04261827	unID	3-5 Spanish Speaking		T	WA5IYX	05172013	W4IO	EM81>EN50	50.080	B	W3HH	05110245	-K5WKN	DM61	>	DM04RR
04262114	XHBC	3 BCN Mexicali		T	OGLETHO	05172017	AC4TO	EM70 > FM41	50.156	KX9X	05110330	-K5SMO	DM95	>	DM04RR	
04262125	unIDs	2,4,5 TVazt Televisa		T	OGLETHO	05172023	AC4TO	EM70 > EN50	50.145	W	W1JHM	05110445	-W5JME	EM15	>	DM04RR
04262139	XETV	6 BCN Tijuana		T	WA5IYX	05172027	K4FFW	59	50.125	N	W9SEV	05111153	K5IAU	EL29>FM05		W
04262250	XHIT	BCNTijuana 90.3	F	WA5IYX	05172032	NG4C	59+ FM16>EM55	50.150	W	W4DUP	05120136	K5WKN	TX > DM14		W	
04262250	XHRM	BCNTijuana 92.5	F	WA5IYX	05172033	W4IO	EM81 > EN50	50.156	N	W1HRW	05160100	K5CUI	EM50>EM97		W	
04262315	XHP?	5 JAL Guadalajara	1003	T	OGLETHO	05172039	W4/WALZ	KG89>EN50	50.150	N	W1HRW	05160152	N5JHV	>	CM85	
04262315	XHG	4 JAL	958	T	OGLETHO	05172043	KD4K	EM74>EN50	50.149	N	W1HRW	05160208	N5HHS	DM72>CM85		W
04262315	XHTV	4 DF	958	T	OGLETHO	05172046	W4DUP	EM55 > EM89	50.150	W	W1HRW	05160230	+W5 NM	>	CM86	
04262324	XETRA-	BCNTijuana 91.1	F	WA5IYX	05172139	W4/WALZ	EL87>EN50	50.135	N	W1HRW	05160230	+W5 TX	EL17>CM86		W	
04262328	XHSLR-	BCNSan Luis 107.9	F	WA5IYX	05180223	W4UUD	EL49 > EM13	50.125	W	W7XU/0	05160234	W5UWB	EL17>CM85		W	
04262357	XHG	4 JAL ID	1020	T	KRUSZKA	05181610	K4C5US	EL95>FM41	50.130	N	W1ECP	05161540	N5NU		50.125	
04270020	unID	6 TV7 floating		T	OGLETHO	05190109	AJ4Y	EL97>DM04VI	50.110	C	W3SE/6	05161611	K5CNOA		50.125	
04270300	X2HNB	>	DM07			05190244	W4YUJ	EL88>EM55	50.080	B	N4JQQ	05161729	N5NR1		50.135	
05161639	X2HNB	DL44	50.125	K5CM	05190246	W4CHA	EL88>EM55	50.075	B	N4JQQ	05161805	K5GEG	DM64 >	CM87	50.125	
05171326	X2ROR	59+20 >EL87RH	50.115	S	KD4ESV	05192101	W4HLG	EM73>FM41	50.155	W	W1JHM	05161849	N5J	DM82 >	CM87	
05172259	XELKK	579 >	EM52	50.025	B	W4UHD	05192118	W4IO	50.155	W	W3WUL	05162021	K5VH	EM00 >	CM87	
05172332	X3RCM	59 >	DM62	50.025	B	K4IQJ	05192121	K4UVX	50.125	W	W3BO	05162139	W5 LA	EM00>EN80		
05180013	XELKK	59 >	DM62	50.025	B	N5JHV	05192132	K4HGB	50.130	K	B6NAN	05162155	N5JHV	59+20/59 NM	50.135	
05200232	XELKK	EM09>DM07AA		B	W7STU/6	05220121	W4/WALZ	KG89>FM32	50.130	N	DM2CI	05162313	N5JHV	DM62>EM32		
05200245	X2HNB	>	DM07AA	-0415	B	W7STU/6	05220139	KX4DX	50.145	K	B6NAN	05170228	N5JHV	NM 155" DM62	50.125	
05220243	X2HNB	DL44>DM07	50.008	B	W7STU/6	05220140	KX4DX	EM96>DM26	50.125	K	K7CA	05171300	W5 TX,MI,AR	>EL83 -1430	50.125	
05221653	X3RC	>	EM55	50.054	B	N4JQQ	05220233	KD4ESV	50.125	N	W9QX	05172053	K5BEM	59 EM18	50.160	

## PANAMA

04261930 HP2CWB NJ09 > EL87 50.120 W WOVHF/4

## PUERTO RICO

04011955 WP40 59 EDWIN 50.110 S LW5EJU  
 04012020 KP4EIT 59 PAPO 50.140 S LW5EJU  
 04012040 KP4HML 59 JOSE 50.110 S LW5EJU  
 04012043 KP3A 59 ALFONSO 50.130 S LW5EJU  
 04022009 KP4UK 57 MARCOS 50.110 S LW5EJU  
 04022010 WP40 57 EDWIN 50.110 S LW5EJU  
 04051916 KP4EIT 59 PAPO 50.110 S LW5EJU  
 04051935 WP40 57 EDWIN 50.110 S LW5EJU  
 04071940 WP40 57 EDWIN 50.110 S LW5EJU  
 04071947 KP4UK 57 MARCOS 50.110 S LW5EJU  
 04112215 KP4EIT 59 PAPO 50.110 S LW5EJU  
 04112346 KP4SK 57 PEDRO FK68 50.110 S LW5EJU  
 04141905 WP40 57 EDWIN 50.110 S LW5EJU  
 04151854 KP4UK 59 MARCOS 50.120 S LW5EJU

## ST KITTS & NEVIS IS.

04151852 V44KAA 57 WINSTON 50.110 S LW5EJU

## United States, W2

04062227 K2OY 59 BRUCE EL86 50.130 S LW5EJU  
 05072030 K2LXD FM02 > DM79 W6OAL/0  
 05111219 K2BWP FM22 > FM05 W K2BEGF  
 05171432 AA2CN FM20>EM32 50.125 K5SIX  
 05171434 W2FRB FM30>EM32 50.125 K5SIX  
 05192335 W2/K8ES 53/54 FM02 50.150 S WA6JRA

## United States, W3

03111800 WHAR 2 MD Baltimore T OGLETHO  
 03111800 WRC 4 DC T OGLETHO  
 03111800 WTTG 5 DC T OGLETHO  
 04022030 W3XO/5 57 BILL EM00 50.130 S LW5EJU  
 04152150 W3XO/5 59+BILL EM00 50.130 S LW5EJU  
 04232210 W3XO/5 58 TOM EM00 50.110 S LW5EJU  
 04281700 W3 FM29 > EM54 50.125 W K5UDM  
 05011729 KDKA- 2 PA Pittsburgh T WA5IYX  
 05072030+W3 PA > DM79 W6OAL/0  
 05192224 WB3ANT FM21>EM40 50.125 N5UXT  
 05192242 N3JPU FM19>EM40 50.125 N5UXT  
 05220314 W3AMP 50.125 K2WB  
 05231820+W3 FM20 >EL83TD CO2OJ  
 05241310+W3TC FM00 >EL83TD CO2OJ

## United States, W4

03111800 W5JK 2 TN Sneedville T OGLETHO  
 04062230 W4/KSHYU 55 JR EL36 50.110 S LW5EJU  
 04062243 W4CHA 55 CHUCK EL88 50.110 S LW5EJU  
 04062245 K4SN 53 TERRY EL96 50.110 S LW5EJU  
 04072320 WPBT 2 FL 939 T OGLETHO  
 04081150 WPBT 2 FL 1229 T ECKBERG  
 04081640 WESH 2 FL 983 T ECKBERG  
 04212000 WPBT 2 FL 1229 T ECKBERG  
 04222155 W4UDH 57 LUIS EM52 50.140 S LW5EJU  
 04281640 WD4KPD FM15 > EM54 50.125 W K5UDM  
 05011815 WEDU 3 FL Tampa T WA5IYX  
 05020158 W4 > DM78 CO WOLD  
 05022230+W4 FL > EM79XK N8ZJN  
 05101410-K4HRW > EN82 50.125 H KB80  
 05101520 W4RCC,K4C5US EL95>EM69 N9NI  
 05112315 W4 EM64>FM19 -2345 N3XBG  
 05122137 K4KJP, K4ACLM EL96 50.225 W3WUL  
 05132352 K4KSN EL87>EN52 50.125 N9WIL  
 05160030 K4D??? EL88>CN85 H W7DB  
 05160042 K4BYN FM05>EM32 50.125 K5SIX  
 05160100-KK4MO/HM 100MI S L.CHARLES H KB8TEJ  
 05161258 N4IP EM73>FM13GX W VE3VRQ

## United States, W5

04022024 K5IUA 57 JOHN EL29 50.130 S LW5EJU  
 04022032 W5OZI 52 50.066 B LW5EJU  
 04022037 K5OAO 59 JAMES EL39 50.125 S LW5EJU  
 04022046 W5UUD 59+ JACK EL49 50.130 S LW5EJU  
 04022054 K5VMI 52 50.120 S LW5EJU  
 04032126 W5UUD 52 JACK 50.110 S LW5EJU  
 04032308 W5/W6UKV 57 JIM EM10 50.110 S LW5EJU  
 04072235 W5JCI 59 EM21 50.110 S LW5EJU  
 04072240 W5S 53 RUSS EL09 50.110 S LW5EJU  
 04080057 W5JHV 59 DAVID DM62 50.110 S LW5EJU  
 04080102 W5FF 59 FRER DM64 50.110 S LW5EJU  
 04080206 W5EU 55 JIM EM12 50.110 S LW5EJU  
 04080211 W5CM 55 TONY EM25 50.110 S LW5EJU  
 04080300 W5OZI 51 50.066 B LW5EJU  
 04082038 K1SGF 59 STEVE EL09 50.110 S LW5EJU  
 04082153 W5VY 59 EL09 50.110 S LW5EJU  
 04112319 W5VY 51 EL09 50.110 S LW5EJU  
 04112322 N5YK 59 RANDY EL16 50.125 S LW5EJU  
 04112324 W5S 59 EL05 50.110 S LW5EJU  
 04112326 K5AB 59 ALAF 50.110 S LW5EJU  
 04112330 W5/W3XO 57 BILL EM00 50.110 S LW5EJU  
 04112338 K5EWS 57 JIM EM10 50.125 S LW5EJU  
 04112343 W5/W6UKV 56 EM10 50.110 S LW5EJU  
 04142004 W5VY 59 PATRICIO EL0950.120 S LW5EJU  
 04142007 K5IUA 59 JOHN EL29 50.120 S LW5EJU  
 04142011 W5IYX 55 PAT EL09 50.120 S LW5EJU  
 04142043 W5/W3XO 59 BILL EM00 50.120 S LW5EJU  
 04142056 W5VY 59 FLOV EM00 50.120 S LW5EJU  
 04142058 K5VH 59+TOM EM00 50.120 S LW5EJU  
 04142106 W5S 59 RUSS EL05 50.110 S LW5EJU  
 04150212 W5UWB 53 JOHN 50.110 S LW5EJU  
 04152104 W5VY 59+PAT 50.110 S LW5EJU  
 04152124 W5S 55 RUSS 50.110 S LW5EJU  
 04152136 W5OZI 59 50.066 B LW5EJU  
 04152138 K5IUA 59+JOHN EL29 50.110 S LW5EJU  
 04152141 K5YSN 59+TANDY EL88 50.110 S LW5EJU  
 04152144 W5UUD 57 JACK 50.110 S LW5EJU  
 04152146 W5AK 59+DICK EL29 50.110 S LW5EJU  
 04152149 W5ART 59+RICK EL49 50.110 S LW5EJU  
 04152159 W5GVE 59 BILL EM01 50.120 S LW5EJU  
 04152203 W5VAS 59 HANK EM40 50.120 S LW5EJU  
 04152205 K5HV 58 HARVY EM00 50.120 S LW5EJU  
 04152207 K5EMP 59 BILL EM30 50.120 S LW5EJU  
 04152215 W5UWB 59 JOHN 50.135 S LW5EJU  
 04172339 W5UWB 57 JOHN 50.115 S LW5EJU  
 04172357 K5VH 58 TOM EM00 50.120 S LW5EJU  
 04181635 K5CM EM25 > DL44 S X2HNB  
 04181636 K5WK EM25 > DL44 S X2HNB  
 04181823 K5TN EM15 > DL44 S X2HNB  
 04181839 N5EPA DM64 > DL44 S X2HNB

## United States, W6

04072300 AA60D 55 WILL DM13 50.130 S LW5EJU  
 04072312 WA6JRA 59 SAM DM13 50.110 S LW5EJU  
 04072359 K6QXY 419 130 BS 50.109 C WA6JRA  
 04080000-N6XK BACKSCATTER 210 K6QXY  
 04080102 AA60D 59 WILL DM13 50.110 S LW5EJU  
 04080223 W6TOD 33 TODD DM15 50.110 S LW5EJU  
 04080255 K6GCA 31 RICK DM33 50.140 S LW5EJU  
 04221645 K6GYK 58 CM88>DM59 50.125 S W0MTK  
 04262148 K8BT CA Los Angeles 92.3 F WA5IYX  
 04262200 KCLB- CA Coachella 93.7 F WA5IYX  
 04262224 KCB- CA Los Angeles 93.1 F WA5IYX  
 04262226 KLLX CA Long Beach 97.9 F WA5IYX

04262230 N6LCI DM14 > DL44 S XE2HNB  
04262231 KFOK CA Redondo Be 93.5 F WA5IYX  
04262234 KKG0 CA Los Angeles105.1 F WA5IYX  
04262247 KBET CA San Diego 94.9 F WA5IYX  
04262249 KMG0 CA Carlsbad 95.7 F WA5IYX  
04262255 K6SKX DM40 > DL44 S XE2HNB  
04262230 KWTB CA Brawley 94.5 F WA5IYX  
04270002 KDB CA Santa Barb 93.7 F WA5IYX  
04270010 KTVF CA Los Angeles 94.7 F WA5IYX  
04270011 KPMV CA Los Angeles 90.7 F WA5IYX  
04270012 KLOS CA Los Angeles 95.5 F WA5IYX  
04280107 KA6VNU CM88-DM59 50.125 S W0MTK  
04280107 WA6XFK CM99-DM59 50.125 S W0MTK  
04300030 KCBST 2 CA 2 min opening T VETSKA  
04301839 KEYT 3 CA Santa Barbara T WA5IYX  
04301920 KBET CA San Diego 94.9 F WA5IYX  
04301921 KMG0 CA Carlsbad 95.7 F WA5IYX  
04301921 KWTB CA Brawley 94.5 F WA5IYX  
04301922 KIFM CA San Diego 98.1 F WA5IYX  
04301926 KWMY CA Cathedral 98.5 F WA5IYX  
04301927 KCMJW CA Indio 92.7 F WA5IYX  
04301930 KPNR CA Los Angeles105.9 F WA5IYX  
04301931 KKG0 CA Los Angeles105.1 F WA5IYX  
04301937 KZIQ CA Ridgecrest 92.7 F WA5IYX  
05100000 W6 DM14 > DO33 Es 50.125 W V6GMK  
05160245+W6 DM14>CN85 W N7DB  
05170325 K6FCT DM04>CN88 50.133 S VETSKA  
05192315 K6SYW 58 >EM89 50.130 KBTQK  
05192321 N6LCI DM14>EN91 50.133 WA8RJF  
05192324 K6SYW DM03>EN81 50.130 K8SRO  
05192327 WA6JRA DM04>EN91 50.150 WA8RJF  
05192331 AA6DD DM13>EN91 50.180 WA8RJF  
05192340 WA6JRA 559 > EN70 50.095 W8DN  
05192344 WA6JRA 599+ > EN91 50.095 WA8RJF  
05200055-WA6PEV DM15>FM19 W J3  
05200100 W6 S.CA >CN85 N7DB  
05200204 W6WFS WEAK DM04>FM05 -0209 H KJ4SO  
05210300 NS >DM52 H W0MT  
05220113 WB6NTL CM98>EM79 50.135 W82D  
05220127 KD6WW CM98>EM79 50.140 N8ZJH  
05220140 KD6WW CM98>EM82 50.140 W1RV  
05220215 WB6NTL CM98>EM55 50.145 W4DUP  
05220218 N6KN DM03 50.148 N5N  
05220219 N6KN DM03>EN44 50.148 N9TSH  
05220553 K06RD CM97>EN13 50.125 W7XU/0

## United States, W7

04080208 W7RV 59 TOMMY DM43 50.110 S LW5EJU  
04080217 K7CA 55 AL DM26 50.110 S LW5EJU  
04080231 KD7GC 55 ALAM DM33 50.125 S LW5EJU  
04080245 W7WB 57 JOHN DM42 50.140 S LW5EJU  
04080251 WA7RAI 59 CHUCK DM33 50.140 S LW5EJU  
04080256 W7ZMD 57 NICK DM43 50.140 S LW5EJU  
04261502 W7GJ SCATTER DM27>DM59 W W0MTK  
04262134 KTVF 3 AZ Phoenix T WA5IYX  
04262144 K7ICW DM26 > DL44 S XE2HNB  
04262146 KG7GF DM16 > DL44 S XE2HNB  
04262154 K7CA DM26 > DL44 S XE2HNB  
04262159 KTHQ AZ Eagar 92.5 F WA5IYX  
04262201 KVVA AZ Apache Jun107.1 F WA5IYX  
04262201 KVVW AZ Show Low 93.5 F WA5IYX  
04262205 KQMM AZ Tucson 93.7 F WA5IYX  
04262206 KLYA AZ Casa Grand105.5 F WA5IYX  
04262208 KYOT AZ Phoenix 95.5 F WA5IYX  
04262209 KB8R AZ Gilbert 103.9 F WA5IYX  
04262211 KMLE AZ Chandler 107.9 F WA5IYX  
04262212 AA7A 59 DM43>EL17 Es 144.22 S W5UWB  
04262212 W7RV 59 DM43>EL17 Es 144.22 S W5UWB  
04262212 WA7PPO 59 DM34>EL17 144.20 S W5UWB  
04262213 KE7FC 59 DM34>EL17 Es144.22 S W5UWB  
04262213 WA7KSP 57 DM43>EL17 144.22 S W5UWB  
04262214 NK7J 58 DM33>EL17 Es 144.22 S W5UWB  
04262215 WA7JTM 59 DM33>EL17 144.22 S W5UWB  
04262216 W7CS 58 DM42>EL17 Es 144.22 S W5UWB  
04262217 KF7JB 57 DM43>EL17 Es144.22 S W5UWB  
04262219 K8SE AZ Phoenix 99.9 F WA5IYX  
04262233 KDBB AZ Mesa 93.3 F WA5IYX  
04262238 KHTC AZ Phoenix 96.9 F WA5IYX  
04262242 KBDJ AZ Sun City 106.3 F WA5IYX  
04262313 KOOL AZ Phoenix 94.5 F WA5IYX  
04270018 K7ICW DM26 > DL44 S XE2HNB  
04270032 W7W9RU DM26 > DL44 S XE2HNB  
04270204 W7RV DM43 > DL44 S XE2HNB  
04280933 W7ET/DU7 50.110 C JE2WLD  
04290938 W7ET/DU7 50.110 C JE2XBY  
04300909 W7ET/DU7 50.110 C JE2XBY  
04301018 W7ET/DU7 50.130 S JR2HCB  
04301831 KILA 3 NV Las Vegas 90.5 F WA5IYX  
04301858 KVBC 3 NV Las Vegas T WA5IYX  
05010000 W7 DM26 > DO33 Es 50.125 W V6GMK  
05030315 W7HAH DM26 > CN96 AU 50.1 C WB7QBS  
05030315+W7GJ DM27 > CN96 AU 50.1 C WB7QBS  
05051520 W7/ROXX CN84>DM59 50.125 S W0MTK  
05051925 AB7CE DM36 > DM04RK W KC6WFS  
05052015 W7HAH DM26 > DM04RK W KC6WFS  
05052015+KG7CM DM23 > DM04RK W KC6WFS  
05052015+W7ML DM43 > DM04RK W KC6WFS  
05052134 W7HAH 579 50.062 B WA6JRA  
05060223 KD7GC 155+ DM33>CN88 50.125 S VETSKA  
05060232 W7SKT 155+ DM33>CN88 50.150 S VETSKA  
05060255 W7ML 160+ DM45 ON BS 50.125 H VETSKA  
05160230 W7 AZ > CN86 W7SKT  
05160300-W7 AZ >CN85 N7DB  
05170352 W7W7 155+ DM26>CN88 50.125 S VETSKA  
05190210 AB7CE 89 DN36>EL87 W1GUB/4  
05190248 AB7UQ DM52>EM55 50.125 N4JQQ  
05190311 AB7UQ 59+ DN52>EM55 50.160 W4DUP  
05190314 AB7UQ DM52 WY 50.160 N5N  
05190316 AB7UQ >EM72 K4IQJ  
05190319 WA7DYU DM32>EN52 50.150 W9RM  
05190321 W7DJ 50.130 K4IQJ  
05190325 K7XW CN96>EM72 50.150 K4IQJ  
05190334 AB7UQ DM52 WY 50.125 K4IQJ  
05190342 KC7IJ DM44 50.160 N0MI  
05192333 WA7RAI > CN87 50.125 KB6NAM  
052000XX W7GE AZ >CN92 OR B WA7TDS

05200101 AB7UQ DN52>DM04 +50.125 S KC6WFS  
05200123 W7BA CN87>DM04 50.125 S KC6WFS  
05200137 KB7YRL CN85>DM04 50.125 S KC6WFS  
05200148 W7FN CN88>DM04 50.125 S KC6WFS  
05200207 KD7GC 57 DM33>CN85 W N7DB  
05200214 W7/W6SK WEAK DM41>CN85 B N7DB  
05200223 N7GWT DM41>DM04 50.125 S KC6WFS  
05200227 WA7FUP DN33>DM04 +50.125 S KC6WFS  
05200235 WA7PKD DN30>DM04 +50.125 S KC6WFS  
05200245 W7RXG DN40>DM04 50.125 S KC6WFS  
05200259 W7/WAODY DN32>DM04 50.125 S KC6WFS  
05220128 N7HL >EM72 50.128 K4IQJ  
05220129 N7HL DN45 50.127 W6KK  
05220138 WA7FSI DM24 50.135 W6KK  
05220151 N7HL DM45>EM72 50.128 K4IQJ  
05220155 KF7UV DM08>EM79 50.130 N8ZJH  
05220210 KC7SUH CN897>DM04 50.125 W6CV  
05220218 KK7AG 57 Ty DN71 > CN87 S WA6GYD  
05220218 W7 DM24, 26, 32>DM04 K6WFS  
05220230 KC7USE CN88>DM04 50.125 N6CV  
05220239 K7UX CN88>DM04 50.125 W6CV  
05220239 N7ML 59+20 >EM55 50.125 W4DUP  
05220241 W7AB CN96>DM04 50.125 W6CV  
05220244 W7WBH CN96>DM04 50.130 W6CV  
05220252 KK7HF DM08 CLG CO 50.125 W6CV  
05220258 W7VVMG DM08>DM04 50.125 W6CV  
05220326 W7GJ MT 50.125 K0XD  
05220341 K7NBH STRONG 50.130 KF6FJD

## United States, W8

04080229 NU8I 57 ALF DM43 50.125 S LW5EJU  
04262205 W8BVL/M DM25 > DL44 S XE2HNB  
05011614 WDTN 2 OH Dayton T WA5IYX  
05011757 WKTS OH Toledo 92.5 F WA5IYX  
05070203+H8 OH,MI > DM79 W60AL/0  
05072019 K8ZES FN02 > FM19 MD W N3XBG  
05192306 KCDMM 53/55 70+ 50.150 S WA6JRA  
05192318 N8LP 41/51 EN91>DM13 50.150 S WA6JRA  
05192320 N8NRY 53/53 EN91 50.150 S WA6JRA  
05192322 N8S2G 54 EN91>DM13 50.150 S WA6JRA  
05192337 K8MFO 589/599 EN91 50.095 C WA6JRA  
05192340 WA8RJF 549/589 C WA6JRA  
05200000 AA8WJ 409/559 50.095 C WA6JRA  
05200002 K8CU 519/559 BILL 50.095 C WA6JRA  
05200015 N8NRY EN91>DM04 +50.125 S KC6WFS  
05200018 K8CDMM EN90>DM04 50.125 S KC6WFS  
05200021 K8CCG 419/559 50.095 C WA6JRA  
05200041 WA8WY 409 50.095 WA6JRA  
05200200+H8 MI,OH >DM07AA -0330 W7STU/6  
05220118 N8OAR EN72>CN87 50.125 K86RAM  
05220123 N8OAR 54 Bill EN72 > CN87 S WA6GYD  
052202XX W8MM > CN87 H WA6GYD  
05231035 KA8SFP FM13 50.125 K15GF  
05241310+KB8PFX EN90 >EL83TD CO2OJ

## United States, W9

05011629 W9IL 3 IL Harrisburg T WA5IYX  
05011633 W9MO 2 IN Terre Haute T WA5IYX  
05011727 WAVE-3 2 IN Louisville KY T WA5IYX  
05110400-KB9MF EN36 > DM04RK W KC6WFS  
05171233 K8RY 50.125 K04VVE  
05171953 K8RY EN52>EL96 50.135 W82TQ/4  
05172027 K9XN EN50 50.162 W1HRW  
05172049 N9IWE 50.135 K04VVE  
05200017 N9JR 529/559 JOE 50.095 C WA6JRA  
05200200+H9 IN >DM07AA -0330 W7STU/6  
05220228 WA9PVP 41 John EN51> CN87 S WA6GYD  
05220235 K9CA 55 Gua EN61 > CN87 S WA6GYD  
05220237 W9/N2BJ 58 EN61 > CN87 S WA6GYD  
05230011 KB9KOH 59 EM70>EL09 50.125 KC5YAJ  
05231820+H9 EN50>EL83TD >EL83TD CO2OJ  
05231829 W9FE 599 EN43>EM13 50.078 B N5NJ

## United States, W0

04181651 W0RRY EM25 > DL44 S XE2HNB  
04262139 N0LL EM09 > DL44 B XE2HNB  
04262142 W0RKE EM17 > DL44 S XE2HNB  
04262147 K0KQY DM98 > DL44 S XE2HNB  
04262155 K0CAMG DM98 > DL44 S XE2HNB  
04262158 W0RKE EM17 > DL44 S XE2HNB  
04262204 W0RRY EM26 > DL44 S XE2HNB  
04262218 N0LL > DL44 S XE2HNB  
04262228 N0PL DM76 > DL44 S XE2HNB  
04262235 W0BTT DM79 > DL44 S XE2HNB  
04270012 W0/60AL DM79 > DL44 S XE2HNB  
04270013 W0LD DM79 > DL44 S XE2HNB  
04270015 K0IW DM79 > DL44 S XE2HNB  
05011654 KTVI 2 MO St. Louis T WA5IYX  
05020148 KGAN 2 IA Cedar Rapids T WA5IYX  
05050215+WAOROM DM79 > DM04RK W KC6WFS  
05060212 N0PEH DM60 > CN87 W WA6GYD  
05090314 K0ETC EM84>DM59 50.125 S W0MTK/M  
05110530-K0UO EM07 > DM04RK W KC6WFS  
05112315+H0 EM18, EM19, EM03>FM19-2345 N3XBG  
05160245 KA0BAD DM57>CN85 W7DB  
05162306 W0 E33, 34 IN/OUT H W0MTK  
05172039 KAOPQW 50.125 H K6PV  
05172055 W0/K6LEW/M EM55>FM09 50.138 W4DUP  
05172148 K0GUV EN26 > FM20 50.008 B W3BO  
05172149 K0ZFK EM35 > FM41 50.125 W1PM  
05172151 W0/WA2HPI EN34>EM72 50.125 K4IQJ  
05172205 K0TVJ EN13 50.140 K4IQJ  
05172219 W0AETL EN35 > FM41 50.130 W1J3M  
05190259 K0RP DM88>EM79 RARE 50.145 W8MM  
051902XX W0/W6OV DM82>DM04VI W W3SE/6  
05190304 N0LL S2 EM09>DO20 50.076 B W6E6PY  
05190323 N0LL 539-579 >DO21 B VE2SWL/6  
05190327 K0YV S2 DN60>EM55 50.135 W4DUP  
05190335 K0ETC EM84>DM59 50.125 S W0MTK  
05190338 K0RKE DM79 CO 50.200 N5NJ  
05192138 W0/W7XU 59+EN13>FM08 50.220 K4ZOO  
05192150 N0LL EM09>FM29 50.077 B WA3NUL  
05192150 W0BROM EN10>FM29 50.060 B WA3NUL

05192157 W0BROM EN10>EN80 50.061 B W8ERD  
05192233 KA0CDN DM79>EN80 50.065 B W8ERD  
05192317 N0LL EM09>EN91 50.077 B W8RJF  
05192333 N0PL DM76 > CN87 50.145 KB6RAM  
05192343 W0/W60AL DM79 > CN87 50.079 KB6RAM  
05200000 N0LL 579 -0049 50.167 B WA6JRA  
05200016 W0/K5BEM EM18>DM04 +50.125 S KC6WFS  
05200016 W0NRI DM79>DM04 50.125 S KC6WFS  
05200026 W0/W4SC 509/579 EN32 50.095 C WA6JRA  
05200041 N0YTC EM00>DM04 +50.125 S KC6WFS  
05200042 K8BQGT EM09>DM04 +50.125 S KC6WFS  
05200115 K8BQGN DM79>DM04 50.125 S KC6WFS  
05200118 K8BOPN DM79>DM04 50.125 S KC6WFS  
05200154 K0WBN DM78>DM04 50.125 S KC6WFS  
05200200+H0 CO, KS, NE>DM07AA -0330 W7STU/6  
05200230-W0 CO >DM07AA W7STU/6  
05210330 KA0CDN 579 DM79>0428 50.065 B WA6JRA  
05210330 W0NRI 539 DM59>0428 50.069 B WA6JRA  
05210334 K0CCKX 59 50.125 WA6JRA  
05210348 K0DU 59+5 DM58 50.125 WA6JRA  
05210357 N0TM 59 -0355 50.140 WA6JRA  
05211404 W0LPE > CN87 50.125 KB6RAM  
05211450 N0PL DM76>EN80 50.125 H W5UKT  
05220115 N0LL EM09>EM72 50.0775 B K4IQJ  
05220126 N0LL EM09>DM07 B W7STU/6  
05220126 W0BROM EM10>DM07 50.060 B W7STU/6  
05220127 K0OAMS EM17>EM72 50.135 K4IQJ  
05220151 K8OYH 58 Gua DM79 > CN87 S WA6GYD  
05220554 W0/W7XU EN13>CN97 50.125 K06RD  
05231239 N0RQO EM24 50.060 B K5EJ  
05231702 N0LL 55+>EM82 50.077 B W04JRA  
05231801 W0JRFP EM27>EN90 50.135 KC8AGW  
05231805 K0CQT EM27>EN90 50.135 KC8AGW  
05231805 W0JRFP EM27>EN79 50.135 W82D  
05231807 N0NZ 59 EN11 50.175 K84NU  
05231907 N0TM DM90>EN90 50.125 W KC8AGW

## Reports of Oceania

### Australia-New South Wales-VK2

04280454 VK2DN 50.111 C JE2XBY  
04280736 VK2DN 50.109 C JR2BQX  
04280746 VK2ZCV 50.140 B JR2BQX  
04280748 VK2F1 50.125 S JR2BQX  
04280748 VK2K1 50.125 S JR2BQX  
04280812 VK2QF 50.090 C JR2BQX  
04280854 VK2QF 50.110 C JR2WLD  
04280854 VK2QF 50.110 C JR2WLD  
04280914 VK2QF >PL36 50.120 S J76CCU  
04280920 VK2DN >PL36 50.130 S J76CCU  
04280926 VK2ZCV >PL36 50.130 S J76CCU  
04290652 VK2DN >PM96 50.125 S J1V1WS  
04290652 VK2DN >Q05 50.125 S J1V1WS  
04290715 VK2DN 50.110 C JR2HCB  
04290831 VK2QF 50.109 C JR2HCB  
05050700 VK2YEN 50.145 S J72MBF  
05050748 VK2YEN 50.145 S J11CPW  
05050801 VK2YEN >PM96 50.145 S J1V1WS  
05050804 VK2YEN >Q05 50.145 S J1V1WS

### Australia-Victoria-VK3

04280802 VK3DQJ 50.146 S JR2BQX  
04280805 VK3AMK 50.129 S JR2BQX  
04280907 VK3AMK 50.123 C JE2WLD  
04290603 VK3DQJ >Q05 50.125 S J1V1WS  
04290605 VK3DQJ 50.125 S JR2HCB  
04290609 VK3QJ >Q05 50.135 S J1V1WS  
04290612 VK3AMK >Q05 50.133 S J1V1WS  
04290614 VK3AMK 50.133 S JR2HCB  
04290617 VK3AMK >PM96 50.100 C J1V1WS  
04290617 VK3AMK >Q05 50.100 H J1V1WS  
04290617 VK3QJ 50.139 S JR2BQX  
04290619 VK3QJ >PM86 50.139 S JA9CGR  
04290627 VK3DEM >PM85 50.130 H JE2WLD  
04290633 VK3AMK >PM96 50.133 S J1V1WS  
04290640 VK3AMK 50.100 C JR2HCB  
04290747 VK3DQJ 50.135 S J11CPW  
04290752 VK3AMK >Q05 50.100 C J1V1WS  
04290807 VK3SIX 50.110 C JR2HCB  
04290851 VK3AMK 50.137 S J11CPW  
05060610 VK3JEP 50.110 S JR2HCB

### Australia-Queensland-VK4

04250915 VK4RIK >PM85 52.445 B JE2DWE  
04260958 VK4RIK 52.445 B JR2HCB  
04261017 VK4ABP 52.247 B JR2HCB  
04261017 VK4BKS 50.116 C JR2HCB  
04290617 VK4RIK >Q05 52.445 B J1V1WS  
04290923 VK4RPNQ 50.110 S JE2BQX  
04290923 VK4RPNQ >PM85 50.110 H JE2DWE  
04300710 VK4RPNQ 50.130 S JE2BQX  
05010849 VK4RIK 52.445 B JR2HCB  
05010856 VK4RPNQ 50.150 S JE2BQX  
05010920 VK4RIK >PM85 52.445 B JA5COM  
05021105 VK4RIK 52.445 B JR2HCB  
05040647 VK4JH 50.110 S JR2HCB  
05040648 VK4JH >PM74 50.115 S JA3BGE  
05050719 VK4TZL 50.130 S J11CPW  
05050722 VK4TZL >Q05 50.130 S J1V1WS  
05050725 VK4RIK >Q05 52.445 B J1V1WS  
05050726 VK4TZL >PM75 50.130 S JA3JTG  
05050730 VK4RIK 52.445 B JR2HCB  
05050730 VK4TZL 50.130 S JR2ULS  
05050736 VK4DHF >Q05 50.103 H J1V1WS  
05050737 VK4JH 50.106 C JR2ULS  
05050738 VK4KK >Q05 50.110 S JR2HCB  
05050742 VK4JH >Q05 50.100 H J1V1WS  
05050749 VK4RGG 50.058 B J1V1WS  
05050750 VK4DHF 50.103 C JR2ULS  
05050755 VK4KK 50.102 C JR2ULS  
05050757 VK4DHF >PM96 50.103 S J1V1WS  
05050803 VK4QFB 50.107 C JR2ULS  
05050806 VK4 ch0 >Q05 51.672 F J1V1WS

05050812 VK4JSR >QM05 50.180 S JA1VOK  
 05050820 VK4KK >QM05 50.102 C JR2HCB  
 05050826 VK4DHF 50.138 H JA1VOK  
 05050828 VK4DHF 50.138 S JR2HCB  
 05050830 VK4JH 50.110 C JA2-4  
 05050835 VK4JH >PM96 50.120 S JH1WHS  
 05060337 VK4JH 50.110 C JR2HCB  
 05060357 VK4TEL 50.110 S JR2HCB  
 05060610 VK4DMI 50.110 C JR2HCB  
 05060619 VK4ABP 52.445 B JR2HCB  
 05060720 VK4RTK 52.347 B JR2HCB  
 05060725 VK4JH 50.120 S JR2HCB  
 05060732 VK4JH 50.110 C JR2HCB  
 05060736 VK4DHF 50.110 S JR2HCB  
 05060850 VK4JH 50.110 S JR2HCB  
 05060909 VK4FP >PM63 50.110 H JA5CMO  
 05060911 VK4JH >PM63 50.135 H JA5CMO  
 05060904 VK4ABP >QM05 52.3465B JA1VOK  
 05060904 VK4RTK >QM05 52.445 B JA1VOK  
 05060918 VK4ABP >PM85 52.3465B JE2DWE  
 05060918 VK4RTK >PM85 52.445 B JE2DWE  
 05091015 VK4JH >PM85 50.110 H JE2DWE  
 05100919 VK4JH >PM63 50.110 H JA5CMO  
 05100947 VK4ABP >QM05 52.3465B JA1VOK  
 05100947 VK4RTK >QM05 52.445 B JA1VOK  
 05101010 VK4JUD >QM05 50.130 S JA1VOK  
 05101016 VK4JH >QM05 50.115 S JA1VOK  
 05120905 VK4JH >PM63 50.110 H JA5CMO

## South Australia-VK5

04290806 VK5OG 50.092 R JR2HCB

## West Australia-VK6

04250728 VK6ACY >PM85 50.110 H JE2DWE  
 04250800 VK6GRPH >PM85 50.066 H JE2DWE  
 04250813 VK6GRPH >PM53 50.120 S JA6TEW  
 04270546 VK6RO >PM85 50.110 H JE2DWE  
 04270600 VK6HK >PM85 50.102 C JR2HCB  
 04270608 VK6HK >PM85 50.101 H JE2DWE  
 04270609 VK6ACY 50.120 S JR2HCB  
 04270640 VK6GRPH 50.066 B JR2HCB  
 04270646 VK6ACY >PM85 50.110 H JE2DWE  
 04270646 VK6GRPH >PM85 50.066 B JE2DWE  
 04270649 VK6AKT >PM85 50.110 H JE2DWE  
 04270658 VK6KRC 50.150 S JR2HCB  
 04270708 VK6KRC >PM85 50.110 H JE2DWE  
 04270712 VK6PA >PM85 50.160 H JE2DWE  
 04270725 VK6AKT 50.110 S JR2HCB  
 04271018 VK6PA 50.150 S JE2WLD  
 04271024 VK6TI 50.140 S JE2WLD  
 04291018 VK6PA 50.120 S JE2XBY  
 04291035 VK6PA >QM05 50.120 S JA1VOK  
 05010800 VK6PA 50.120 S JE2XBY  
 05010808 VK6PA >PM85 50.120 S JE2DWE  
 05010825 VK6JQ 50.104 C JR2HCB  
 05010912 VK6PA >PM63 50.120 H JA5CMO  
 05010930 VK6PA >PM95 50.120 H JE1TGN  
 05030418 VK6PA >PL36 50.110 S J76CCU  
 05040707 VK6JQ 50.150 S JL4GTO  
 05050816 VK6JQ 50.089 C JR2ULS  
 05060804 VK6PA 50.110 S JR2HCB  
 05061001 VK6JQ >PM63 50.079 H JA5CMO  
 05080910 VK6PA >PM63 50.120 H JA5CMO  
 05080932 VK6PA >PM95 50.120 H JE1TGN  
 05090954 VK6PA >PM85 50.125 H JE2DWE  
 05090956 VK6PA >QM05 50.125 H JA1VOK  
 05091057 VK6PA >PM96 50.125 S JH1WHS  
 05101003 VK6PA >PM63 50.120 H JA5CMO  
 05120907 VK6PA >PM63 50.110 H JA5CMO  
 05170615 VK6PA >QM05 50.120 H JA1VOK

## Australia-Tasmania-VK7

05050816 VK7GUM >PM96 50.125 S JH1WHS  
 05050818 VK7GUM 50.125 S JA1/2  
 05050819 VK7GUM >QM05 50.125 S JA1VOK  
 05050826 VK7GUM >PM86 50.125 S JA9BHS  
 05050837 VK7GUM >PM96 50.125 S JH1ECU

## Australia-Northern Terr.

04151100 VK8VF 559 B JH4JPO  
 04261017 VK8RAS 50.047 B JR2HCB  
 04261026 VK8KTC 50.110 S JR2HCB  
 04270720 VK8VF 50.057 B JR2HCB  
 04300725 VK8RAS >PM85 50.0465B JE2DWE  
 04300748 VK8RAS 50.047 B JE2XBY  
 05010755 VK8RAS >PM85 50.0465H JE2DWE  
 05010849 VK8RAS 50.047 B JR2HCB  
 05020835 VK8VF 50.057 B JR2HCB  
 05021134 VK8RH 52.200 B JR2HCB  
 05021500 VK8RH 52.200 B JR2HCB  
 05021500 VK8VF 50.057 B JR2HCB  
 05040647 VK8RAS >QM05 50.0465B JA1VOK  
 05050725 VK8RAS 50.047 B JR2HCB  
 05050730 VK8RAS 50.047 B JR2HCB  
 05060715 VK8RAS 50.047 B JR2HCB  
 05060844 VK8RAS 50.047 B JE2XBY  
 05061130 VK8VF >PM63 50.057 B JA5CMO  
 05081140 VK8VF >PM85 50.0465B JE2DWE  
 05090918 VK8RAS >QM05 50.057 B JA1VOK  
 05101000 VK8VF >PM53 50.057 B JA6TEW  
 05111227 VK8VF >PM63 50.057 H JH4JPO  
 05121002 VK8VF >PM63 50.057 B JA5CMO

## FIJI

03300333 3DZKT 50.113 S JA5/6  
 03300343 3DZTN 50.113 S JA5/6

## GUAM

04262234 KG6DX DM65 > DL44 S XE2HNB  
 04280924 KH2JU 50.125 S JE2WLD  
 04280930 KH2JU >PM63 50.125 H JA5CMO

## HAWAIIAN IS.

03280711 KH6HME 559 -0720 TEP 50.061 B EL2TFY  
 03300328 KH7U 50.130 S JH0BQX  
 04281110 KHON 2 HI -1200 55.26 V EK1AA  
 04281500 KHON 2 HI -1600 55.26 V EK1AA  
 04291434 KHON 2 HI <1600 WEAK V EK1AA  
 04300940 KHON 2 HI -1320 HOMOLULU V EK1AA  
 04300940+KH6HME HI BK29 50.061 B EK1AA  
 04300940+KH6C 2 HI HILO 55.25 V EK1AA  
 04300940+KGMV 3 HI WAILUKU 61.25 V EK1AA  
 04300940+KITV 4 HI HOMOLULU 67.24 V EK1AA  
 04300940+KFVE 5 HI HOMOLULU 77.25 V EK1AA  
 05010600 KHON 2 HI -0730 55.25 V EK1AA  
 05010600 KH6HME HI STRONG 50.061 B EK1AA  
 05010600+KH6C 2 HI +3,4 55.25 V EK1AA  
 05010900 KHON 2 HI -1200 55.26 V EK1AA  
 05020533 KHON 2,3,4,5 HME -1043 V EK1AA  
 05030500-NAMERICA 2,3,4 SPANISH SPKG F EK1AA  
 05030605 KHON 2 HI -1135 CD 55.26 V EK1AA  
 05030605 KHBC 2 HI +3,4,5 55.25 V EK1AA  
 05031539 KHON 2 HI -1609 55.26 V EK1AA  
 05040401 KHON 2 HI -1411 CD 55.26 V EK1AA  
 05040401 KHBC 2 HI +3,4,5 55.25 V EK1AA  
 05041434 KHON 2 HI -1614 55.26 V EK1AA  
 05050422-NAMERICA 2 -0732 CD 55.26 V EK1AA  
 05060750 KHON 2 HI -0950 WEAK V EK1AA  
 05070420-NAMERICA 2 -0550 55.26 V EK1AA  
 05070640 KHON 2 HI -1040 55.26 V EK1AA  
 05070640+KH6HME HI +2,3,4 50.061 B EK1AA  
 05080455 NAMERICA 2 -0525 55.26 V EK1AA  
 05081034 KHON 2 HI -1240 CD 55.26 V EK1AA  
 05081034+KH6HME HI 50.061 B EK1AA  
 05081034+KHBC 2 HI HILO 55.25 V EK1AA  
 05100713 KHON 2 HI -1146 55.26 V EK1AA  
 05100713+KH6HME HI +2,3,4 50.061 B EK1AA  
 05110802 KHON 2 HI -0917 55.26 V EK1AA  
 05120515 KHON 2 HI -1115 55.26 V EK1AA  
 05120615+KH6HME HI +2,3,4 50.061 B EK1AA  
 05130605 KHON 2 HI -0715 55.26 V EK1AA  
 05131032 KHON 2 HI -1130 55.26 V EK1AA  
 05140725 KHON 2 HI -1215 55.26 V EK1AA  
 05140725+KH6HME HI +2,3,4 50.061 B EK1AA  
 05150755 KHON 2 HI -1215 55.26 V EK1AA  
 05150755+KH6HME HI +2,3,4,5 50.061 B EK1AA  
 05170820 KHON 2 HI -1140 55.26 V EK1AA  
 05170820+KH6HME HI +4 WEAK 50.061 B EK1AA  
 05180640 KHON 2 HI -0735 55.26 V EK1AA  
 05180900 KH6HME HI +3,4WEAK 50.061 B EK1AA  
 05200725 KHON 2 HI -1355 CD 55.26 V EK1AA  
 05200725-KH6HME HI +3,4,5 50.061 B EK1AA  
 05201437 KHON 2 HI -1537 55.26 V EK1AA

## MARSHALL IS.

03300449 V73AT 50.0 C JA2  
 03300510 V73AT 50.103 C JA1-6  
 03310545 V73AT 50.130 S JA1/2  
 04020500 V73AT 50.0 C JA2  
 04030713 V73AT 50.0 C JA2  
 04270759 V73AT 50.110 S JR2HCB  
 04270806 V73AT >PM85 50.110 H JE2DWE  
 04300717 V73AT 50.087 B JE2XBY  
 05051345 V73AT >PL36 50.110 C JS6CDB

## MICRONESIA

04260720 V63AO 50.120 S JR2HCB  
 05240810 V63AO >QM05 50.120 H JA1VOK

## MINAMITORI SHIMA IS.

05100910 JD1YBJ(M) >QM05 50.115 H JA1VOK  
 05120850 JD1YBJ >PM95 50.110 H JE1TGN  
 05140940 JD1BIY >PM85 50.113 S JE2DWE  
 05192308 JD1/JA08UQ(M) >PM95 50.145 S JE1TGN  
 05210900 JD1BIY(M) >PM95 50.110 H JE1TGN  
 05210953 JD1BIY MARCUS I. 50.1148 JE2LPC  
 05220910 JD1/JA08UQ(M) >PM96 50.115 C JH0MHE  
 05240755 JD1/JA08UQ(M) >QM05 144.145 S JA1VOK  
 05240823 JD1BIY(M) >PM94 144.135 S JH2COE  
 05240827 JD1BIY(M) 59 >QM05 144.135 S JA1VOK  
 05240837 JD1BIY >QM05 50.110 S JA1VOK  
 05240852 JD1BIY(M) >PM86 50.120 S JA9SSB  
 05241021 JD1/JA08UQ >QM05 50.115 H JA1VOK

## NEW CALEDONIA

03300453 FK1TK 50.110 S JR2HCB  
 04010429 FK1TK RG37 50.110 S JE2XBY  
 04020429 FK1TK 50.110 S JE2XBY  
 05060520 FK1TK 50.110 S JR2HCB

## NEW ZEALAND

04092250 EL-TV WEAK 45.24/.25/45.26 V K6QXY  
 04102100 EL-TV S1-5 45.24/.25/45.26 V K6QXY  
 04110000 EL-TV S1-5 45.25 +/- -0250 V K6QXY  
 04122144 EL-TV S1-5 45.24/.25/.26 V K6QXY  
 04202230 EL-TV S1-3 45.24/.25/.26 V K6QXY  
 04242140 EL-TV S1-5 45.24 +/- -2300 V K6QXY  
 05050804 EL3TY >PM63 50.110 H JA5CMO  
 05050820 EL2TFY >PM63 50.107 H JA5CMO  
 05050821 EL2TFY 50.107 S JR2HCB  
 05050827 EL3TY 50.110 S JR2HCB  
 05060600 EL2TFY 50.110 S JR2HCB  
 05180054 EL-TV FM SOUTH 45.250 V N53HV

## OGASAWARA IS.

04290354 JD1/7L1UVF(O) >QM05 50.388 S JA1VOK

## PHILLIPINES

04280951 DU7/N7ET >PL36 50.104 C J76CCU  
 04290937 DU7/N7ET >QM05 50.110 H JA1VOK  
 04300935 DU7/N7ET >PM95 50.105 H JE1TGN  
 04301020 DU7/N7ET >PM85 50.130 H JE2DWE  
 05150915 DU7/N7ET >PM95 50.110 H JE1TGN

## SABAH

04250832 9M6CT >PM85 50.141 H JE2DWE  
 04260826 9M6CT PH79 50.110 S JA0-7/9  
 04301003 9M6CT >PM63 50.110 H JA5CMO  
 04301023 9M6CT >PM85 50.110 H JE2XBY  
 04301023 9M6CT >PM85 50.110 H JE2DWE  
 05011014 9M6CT >PM85 50.110 H JE2DWE  
 05011016 9M6CT >PM53 50.110 S JA6QGG  
 05011022 9M6CT 50.110 S JE2XBY  
 05011045 9M6 ch2 >PM53 53.74/53.75 F JA6TEW  
 05091027 9M6 ch2 >QM05 53.74 F JA1VOK  
 05100830 9M6 ch2 >QM05 53.74/53.76 F JA1VOK  
 05160047 9M6 ch2 >QM05 53.76 F JA1VOK  
 05160120 9M6 ch2 >QM05 53.74 F JA1VOK  
 05170130 9M6 ch2 >QM05 53.74 F JA1VOK  
 05222330 9M6 ch2 >QM05 53.76 F JA1VOK  
 05230130 9M6 ch2 >QM05 53.74 F JA1VOK

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### SAMERICA GEN.

0501XXXX SAMERICA S7 CARRIER 47.560 H H8EJN  
 0501XXXX SAMERICA USB SPANISH 47.715 H H8EJN  
 0501XXXX SAMERICA P PAGER 45.030 H H8EJN  
 05022200-SAMERICA S6 Music 58.300 F H8EJN  
 05022200-SAMERICA S9 Music 48.000 F H8EJN

## ARGENTINA

04031906 LU6DRV 57/57 GF05 > IL18SK S EH8BFX  
 04031906 LW5EJU 59/57 GF05NHO > IL18SK S EH8BFX  
 04031908 LU9AEA 55/54 GF05 > IL18SK S EH8BFX  
 04031914 LU5JAU 59/59 GF07VM > IL18SK S EH8BFX  
 04032132 LU9EHF 57 LUIS 50.110 S LW5EJU  
 04072305 LU9RHF 57/59 FF95 50.110 S WA6JRA  
 04072309 LW5EJU 42/57 FF05 50.110 S WA6JRA  
 04072316 LU9EHF 57/59 FF96 50.110 S WA6JRA  
 04072316 LW6UW 53/59+ 50.110 S WA6JRA  
 04072330 LU9EHF 57 -0229 50.113 S WA6JRA  
 04080053 LU1DT 41 130' 50.108 H WA6JRA  
 04080114 LU7PA 50.120 S WA6JRA  
 04080200 LU9EHF WKG W5e H K6QXY  
 04091916 LU8MBL 51/51 FF57OC > IL18SK S EH8BFX  
 04132253 LU7PA FF96 > DL44 S XE2HNB  
 04132301 LU177 H XE2HNB  
 04162251 LU7PA FF96 > DL44 WX 82307 H XE2HNB  
 04271930 LU9AEA 51/51 50.110 S EH8BFX  
 05162227 LU5JAU 54/59 S WA6JRA  
 05162230 S B6CA

## BRAZIL

03302150 PY5CC 59/59 GG54RE > IL18SK S EH8BFX  
 03302204 PY2PA 55/55 TEP > IL18SK S EH8BFX  
 03312054 PY5CC 59/59 TEP > IL18SK S EH8BFX  
 03312130 PY2XB 59/59 GG66 > IL18SK S EH8BFX  
 03312156 PY2WBC 55/55 GG67GT > IL18SK S EH8BFX  
 03312158 PY2HDY 53/55 TEP > IL18SK S EH8BFX  
 03312256 PY1CE 55/55 GG99VQ > IL18SK S EH8BFX  
 04032057 PY7E2 57 FRED 50.110 S LW5EJU  
 04052147 PP1CE 53/53 GG99VQ > IL18SK S EH8BFX  
 04052155 PY5CC 57/51 GG54RE > IL18SK S EH8BFX  
 04060057 PP2AU 59 MARCELO 50.110 S LW5EJU  
 04061911 PY5CC 59/59 GG54RE > IL18SK S EH8BFX  
 04102128 PY5CC 51/59 GG54RE > IL18SK S EH8BFX  
 04121814 PU2MHL 59+MARCIOGG67 50.110 S LW5EJU  
 04121835 PY1AA 57 50.051 B LW5EJU  
 04121905 PU2MND 59+MARCIO RPT 52.910 F LW5EJU  
 04121913 PU2MND 59 ANAPOLIS SP50.115 S LW5EJU  
 04122135 PY5CC 51/51 GG54RE > IL18SK S EH8BFX  
 04122141 PP1CE 59/54 GG99VQ > IL18SK S EH8BFX  
 04122147 PY2DNR 51/51 GG76DV > IL18SK S EH8BFX  
 04132155 PP1CE 51/51 GG99VQ > IL18SK S EH8BFX  
 04271910 PY5CC 59/59 50.110 S EH8BFX  
 05012000 PP1CE > 2130 EUROPE GJ4ICD#  
 05012000 PY5CC > 2130 EUROPE GJ4ICD#  
 05191912 PY5XX GG54 50.095 CW9BGP

## CHILE

04080153 CE Elevator Music 47.900 F K6QXY  
 05022150 CE 59 Elevator Music 47.900 F H8EJN  
 05022200 CE S3 Music 47.930 F H8EJN

## PARAGUAY

03312103 ZP6CW 57/57 GG14 > IL18SK S EH8BFX

## PERU

04080240 OASADM 41 PERU 50.140 S LW5EJU

## URUGUAY

04022018 CX3HI 57 HECTOR 50.120 S LW5EJU  
 04031921 CX4IA 57/57 TEP > IL18SK S EH8BFX  
 04080144 CX4AAJ 41/54 GF52 5W 50.105 S WA6JRA  
 04091900 CX4HS 59/57 GF06XK > IL18SK S EH8BFX  
 04091902 CX3HI 51/52 GF06VU > IL18SK S EH8BFX  
 05162158 CX6DH 50.115 S V89AA

## DX Operations

Brunei, V8: Laurence, GM4DMA, will be in the jungle between May 18 and the end of June on HF and Six. He is working with the Youth development charity "Rayleigh International." Tnx SM7AED.

**Liechtenstein:** Look for HB0/PI4TUE July 1-14 on HF/Six/Two/ & 432. This is a club activity of the Eindhoven Student Radio Amateur Club. Tnx SM7AED.

**Abaco Is. (Bahamas):** N8ZJN is going to vacation at Treasure Cay Bay, FL16, (NA-080) and will be on 6m June 18-25 as C6AKL. He promises to be active during the SMIRK contest June 20-21.

**VP2VDX:** BRITISH VIRGIN ISLANDS. Look for operators Tom/K6CT, Terry/N6CW and Fred/K9VV to be active in the CQWW WPX CW Contest. The group will be there May 27th through June 2nd. Activity outside the WPX contest will be on WARC and 6 meters. QSL via K6CT.

**Eleuthera Is. (Bahamas):** N5JEH will be operating 6m and HF from Tarpum Bay (FL14VX) May 24-June 1.

**CO0FRC:** The Cuban VHF Group will operate the June VHF QSO party from EL83TC at a location >150 m ASL.

## QSL Information

**5R8EE:** (ex FR5EL), Michel Hoarau, P.O. Box 87, F-97832 Tampon, REUNION ISLAND.

**A45ZN:** Tony Selmes, PO Box 981,

Muscat 113, OMAN or via bureau. (QSL manager is G4UPS.)

**HV5PUL:** Pontificia Universita Lateranense, 00120 Citta del Vaticano.

**SP8RHP:** Robert Karas, Giedlarowa 184, 37-300 Lezajsk, POLAND

**T88IY:** Yoshihiro Imaishi, PO Box 1516, Koroor, REPUBLIC of PALAU.

**V63AO:** Isao Nishimira, PO Box 607, Kosrae Is., Micronesia 96944 FEDER-AL STATES OF MICRONESIA

## Beacon News

My shortening of the 50 MHz beacon list (March 98 bulletin) is still resulting in additions of those who are still active. The following are additional changes to those announced in our April 98 bulletin.

**XE1KK:** In an attempt to secure the title of the world's highest 6m beacon, Ramon has installed his at the 13,123 foot level of Popocatepetl, an active volcano east of Mexico City.

The beacon is on 50.023 with 20 Watts into a Ringo Ranger. The grid square is EK09qc. Jack, N6XQ, remarks that he is hearing the beacon weakly in San Diego, CA.

**LA7SIX:** is again QRT. After 3 week operation at The Auroral Observatory, University of Tromsø, they find it is too much trouble for the people at the e-lab.

**LA5TFA** is looking for a new QTH for it.

**HV3SJ:** Martin Harrison, G3USF, reports that although this beacon has been spotted this month, he has a message from IOJX saying that the beacon is now transferred to Italian territory and is on 50.004 in Rome JN61HV with 4W and a 3-el beam pointed at 335°.

**KQ4E:** reports he is still on 50.067 from EM86 with 10W to a halo.

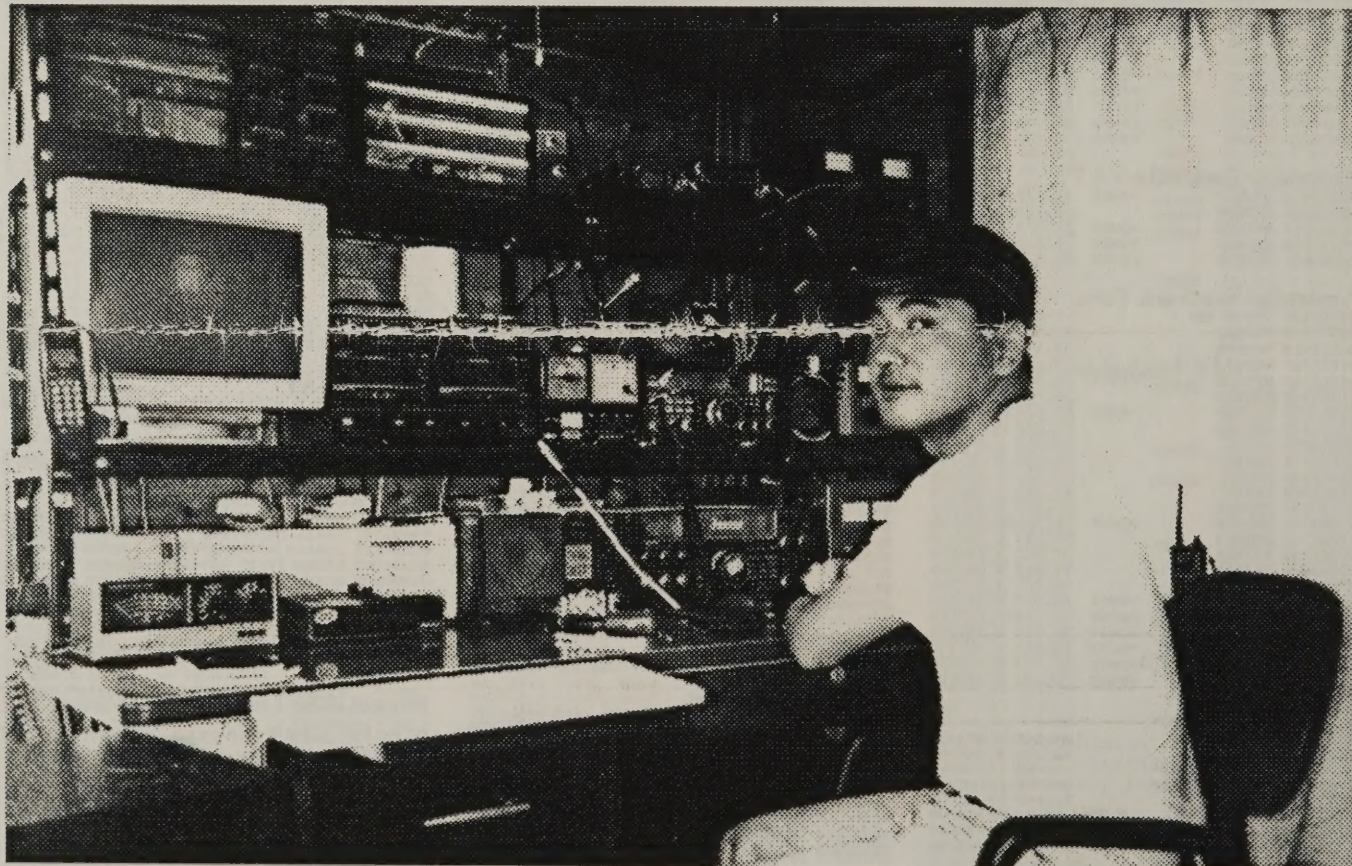
**N0EOQ:** is on 50.062 from EM24 with 10W to a Saturn 6 halo at 2100 feet.

**OZZVEF:** on 50.062

**YO3KWJ:** is on 50.075 from KN34BJ with 10W to a vertical antenna. Reports to yo3jw@hotmail.com.

**NL7XM:** is on 50.075 from Staten Island NY (IOTA NA-026) FN20WO, with 1W to a Squalo @ 15m ASL.

**XE3RCM:** is back on ~50.052 after a couple year's absence. It is run by the Radio Club Merida with somewhat less than a Watt to a dipole.



Hiro, JS6CDB, was the first JA to work Tony, A45ZN, on April 10, 1998 at 0940Z.

Photo by JA1VOK.

The 50 MHz DX Bulletin